SONY

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Cordless Telephone with Answering System

Operating Instructions

SPP-A40/A60

Before you start using your telephone:
- *connect the AC power adaptor to continuous power supply (see page 13).*
- *charge the battery pack for the handset (see page 18).*
- *record your outgoing message (OGM) first in order to use the telephone answering function (see page 31).*

Warning	To prevent fire or shock hazard, do not expose the set to rain or moisture. To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners of aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by persons walking on it.
9. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
10. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.

11. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified service personnel when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.

12. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    A. When the power supply cord or plug is damaged or frayed.
    B. If liquid has been spilled into the product.
    C. If the product has been exposed to rain or water.
    D. If the product does not operate normally by following the operating instructions. Adjust only those controls, that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
    E. If the product has been dropped or the cabinet has been damaged.
    F. If the product exhibits a distinct change in performance.

13. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.

14. Do not use the telephone to report a gas leak in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

CAUTION: TO REDUCE THE RISK OF FIRE OR INJURY TO PERSONS BY BATTERY, READ AND FOLLOW THESE INSTRUCTIONS.

1. Use only the following type and size battery pack: SONY BP-T16.

2. Do not dispose of the battery pack in a fire. The cell may explode. Check with local codes for possible special disposal instructions.

3. Do not open or mutilate the battery pack. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.

4. Exercise care in handling battery in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.

5. Charge the battery pack provided with or identified for use with this product only in accordance with the instructions and limitations specified in the instruction manual provided for this product.

6. Observe proper polarity orientation between the battery pack and battery charger.

CAUTION: TO REDUCE THE RISK OF FIRE OR INJURY TO PERSONS BY BATTERY, READ AND FOLLOW THESE INSTRUCTIONS.

1. Use only the following type and size batteries: Size AAA (R03)

2. Do not dispose of the batteries in a fire. The cell may explode. Check with local codes for possible special disposal instructions.

3. Do not open or mutilate the batteries. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.

4. Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and key. The battery or conductor may overheat and cause burns.

5. Do not attempt to recharge the batteries provided with or identified for use with this product. The batteries may leak corrosive electrolyte or explode.

6. Do not attempt to rejuvenate the batteries provided with or identified for use with this product by heating them. Sudden release of the battery electrolyte may occur causing burns or irritation to eyes or skin.

7. When replacing batteries, all batteries should be replaced at the same time. Mixing fresh and discharged batteries could increase internal cell pressure and rupture the discharged batteries.

8. When inserting batteries into this product, the proper polarity or direction must be observed. Reverse insertion of batteries can cause charging, and that may result in leakage or explosion.

9. Remove the batteries from this product if the product will not be used for a long period of time (several months or more) since during this time the battery could leak in the product.

10. Discard "dead" batteries as soon as possible since "dead" batteries are more likely to leak in a product.

11. Do not store this product, or the batteries provided with or identified for use with this product, in high-temperature areas. Batteries that are stored in a freezer or refrigerator for the purpose of extending shelf life should be protected from condensation during storage and defrosting. Batteries should be stabilized at room temperature prior to use after cold storage.

Safety Regulations

INFORMATION

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation.

However, there is no guarantee that interference will not occur in a particular installation, if this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- reorient the receiving antenna
- relocate the equipment with respect to the receiver
- move the equipment away from the receiver
- plug the equipment into a different outlet so that equipment and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:

"How to Identify and Resolve Radio-TV Interference Problems".

This booklet is available from the U.S. Government Printing Office, Washington, DC 20402, Stock No.004-000-00345-4.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

SERVICE REQUIREMENTS

If your cordless telephone model should malfunction, all repairs will be performed by an authorize Sony Service Center. This unit has been registered within the FCC for direct connection to the telephone network. Under the FCC program, no customer is authorized to repair this unit. This applies to a unit in and out of warranty. If an unauthorized repair is performed, the registration of the unit for direct connection to the network will be null and void. If the unit is still in warranty, the remainder of the warranty period will also be null and void. It is responsibility of users requiring service to report the need for service to their Sony dealer.

IMPORTANT INSTRUCTIONS TO USERS

Your cordless telephone has been approved by the Federal Communications Commission (FCC) as not being harmful to the telephone network when connected directly to the telephone lines. In order to fully comply with the Rules of the FCC, the following instructions should be read carefully and followed completely where applicable:

1. The FCC rules require that all direct connection to the telephone line must be made through standard plugs and jacks. No connection can be made to party lines or coin lines. Prior to connecting your device to the lines:

a) Upon request from your telephone company, you must provide the 14 digit FCC Registration Number and Ringer Equivalence Number (REN), both of which are on a label located on an outer surface of the device.

b) After the telephone company has installed the jack, you can connect your cordless telephone by inserting the mating plug of your equipment into this jack.

c) All repairs must be accomplished as described in the "Service requirements".

d) The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your number is called. In most, but not all areas, the sum of the RENs of all devices should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should call your local telephone company to determine the maximum REN for your calling area.

2. If it appears that your cordless telephone is malfunctioning, it should be disconnected from the telephone line until it can be determined whether your cordless telephone is the source of the trouble or not. If your machine needs repair, it should not be reconnected until such repairs have been made.
3. If ham does occur, the telephone company shall, where practicable, notify you, the customer, that temporary discontinuance of service may be required; however, where prior notice is not practical, the telephone company may temporarily discontinue service forthwith, if such action is reasonable in circumstances. In case of such temporary discontinuance, the telephone company shall (1) promptly notify you, the customer, of such temporary discontinuance (2) afford you, the customer, the opportunity to correct the situation which gave rise to the temporary discontinuance, and (3) inform you, the customer, of your right to bring a complaint to the Commission pursuant to the procedures set forth in the Rules. Procedures for filling the complaints can be obtained from your local dealer, or if necessary, by writing directly to the manufacturer.

IMPORTANT NOTICE

Warning: This telephone operates as a radio transmitter. Conversations over this cordless telephone may be heard by others on radios within the area of its range of transmission.

Precautions

- Before initial use, install the rechargeable battery into the battery pack compartment of the handset and charge it for more than 12 hours.
- Operate the AC power adaptor on 120 V AC, 60 Hz.
- Use the AC power adaptor supplied for this unit. Do not use any other AC power adaptor.
- Do not install the base unit in a location near a heat source such as radiators or airducts, or in a place subject to direct sunlight, excessive dust, moisture, rain, mechanical vibration, or shock.
- Do not place the base unit on or near a TV set or a personal computer to avoid interference.
- Should any liquid or solid object fall into the base unit, unplug the unit and have it checked by qualified personnel before operating the phone any further.
- This telephone is designed and approved for single party lines only. It should not be connected to multiple lines or a coin telephone.

If you have any question or problem concerning your telephone that is not covered in this manual, please consult the nearest Sony Service Center authorized to service telephone terminal equipment.

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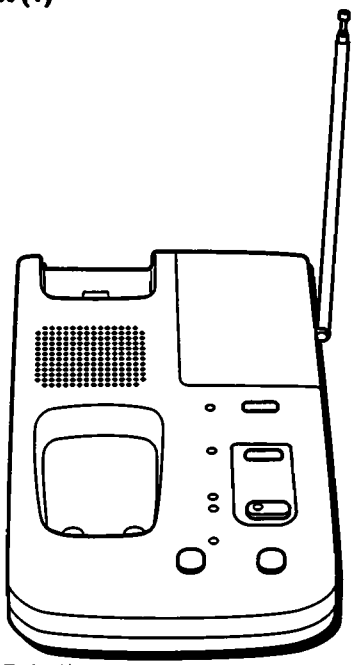
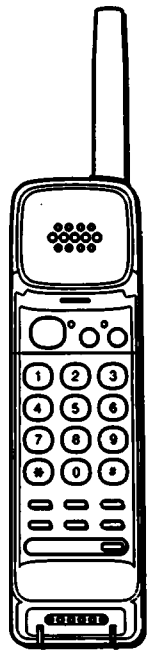
This instruction manual covers two models, SPP-A40 and SPP-A60.
The SPP-A60 is provided with speakerphone function but the SPP-A40 is not.
The illustrations shown in this manual are SPP-A60.

Base Unit (1)

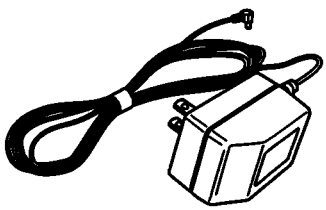


(SPP-A60)

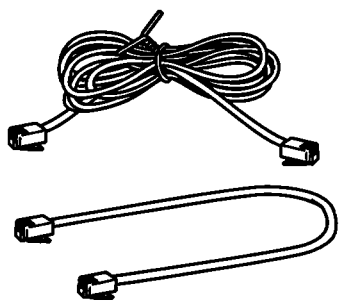
Handset (1)



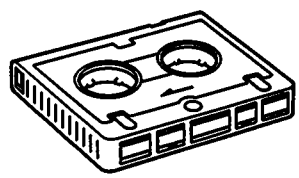
AC power adaptor (AC-T42, 1)



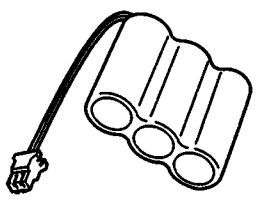
Telephone line cord (long 1, short 1)



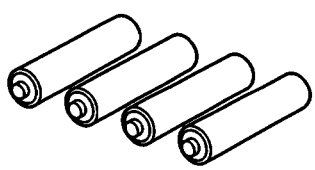
Microcassette (MC30,1)



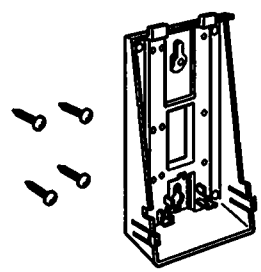
Rechargeable battery pack (BP-T16, 1)



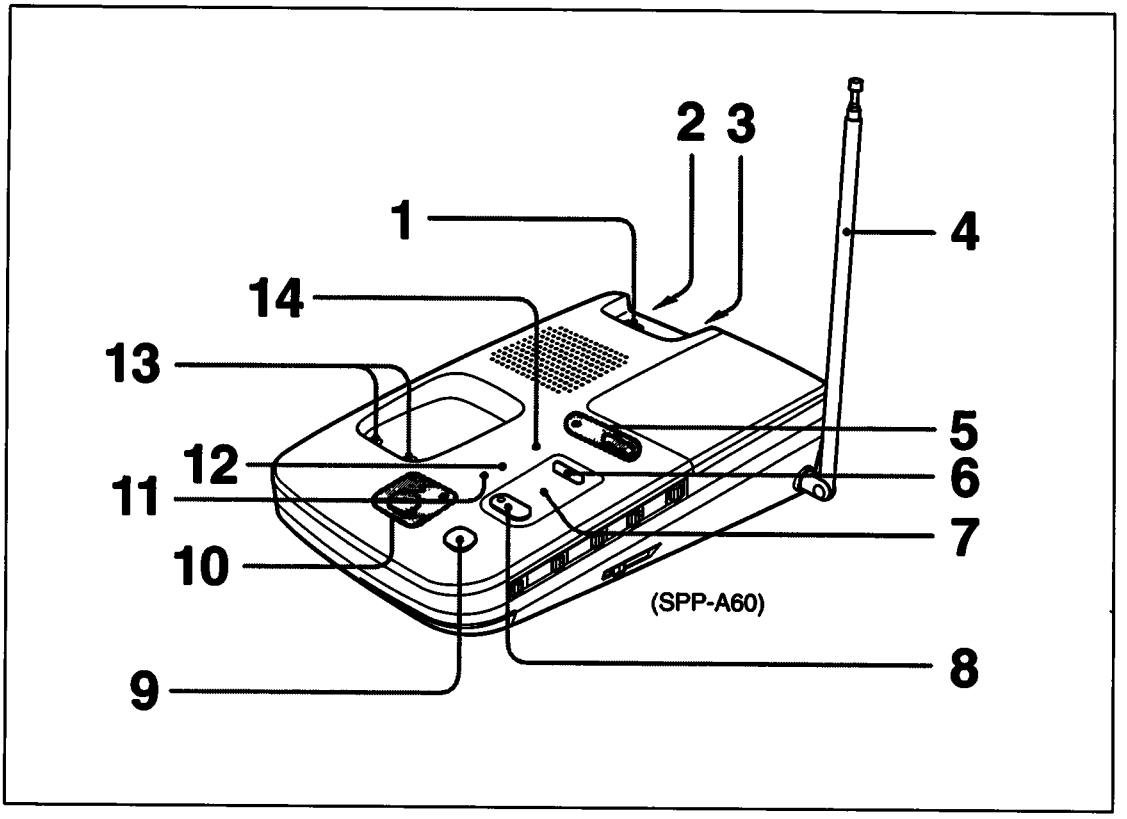
Size AAA (R03) batteries (4)



Wall bracket (1) and screws (4)



Base unit



1 Handset hanger hook

2 DC IN 9V jack

3 TEL(telephone) LINE jack

4 Antenna

5 (CONV/MEMO REC) (conversation/ memo recording) button and lamp (for SPP-A60)
Press to record the conversation, or to leave message to other people who use the phone.
(MEMO REC) (recording) button and lamp (for SPP-A40)
Press to leave messages to other people who use the phone.

6 (TAPE RESET) button
Press to reset the tape (after playing back messages).

7 Message counter LED
Displays the number of messages which are not played back yet, etc.

8 (ANSWER) button and lamp
Press to turn the unit on to receive messages or to play back messages.

9 (INTERCOM) button
Press to call the handset.

10 (SPEAKERPHONE) button and lamp (SPP-A60 only)
Press to receive calls at the base unit.

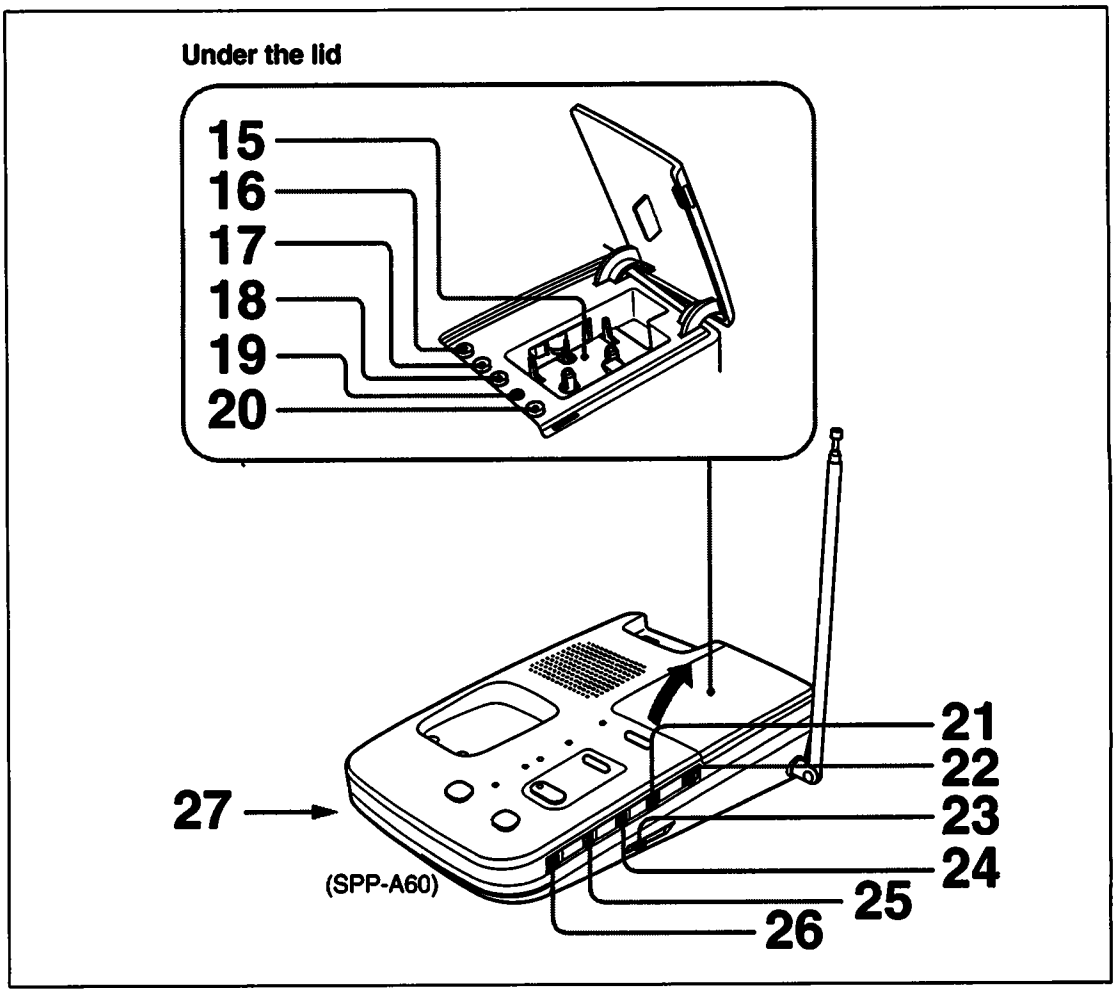
11 CHARGE lamp
Lights up when the battery pack is being charged.

12 IN USE lamp
Lights up when the handset is in use.

13 Charge terminals

14 POWER lamp
Lights up when power is supplied to the unit. Blinks when the batteries are either exhausted or not installed.

Base unit



15 **Microcassette compartment**

16 **(REPEAT/REW) (repeat/rewind) button**
Press to play back the same message or to rewind the tape.

17 **(STOP/PLAY) button**
Press to stop or play back the tape.

18 **(SKIP/FF) (skip/fast forward) button**
Press to advance the tape.

19 **(REC) (recording) button**
Press to record your outgoing message.

20 **(OGM) (outgoing message) button**
Press to record your outgoing message after you have pressed (REC) or press to play back your outgoing message.

21 **REC TIME (1/4/ANN ONLY) selector**
Select the recording time for incoming message.

22 **RINGER LEVEL selector (HIGH/LOW/OFF, SPP-A60 only)**
Selects the ringer level of the base unit.

23 **SPEAKER VOL (volume) control**

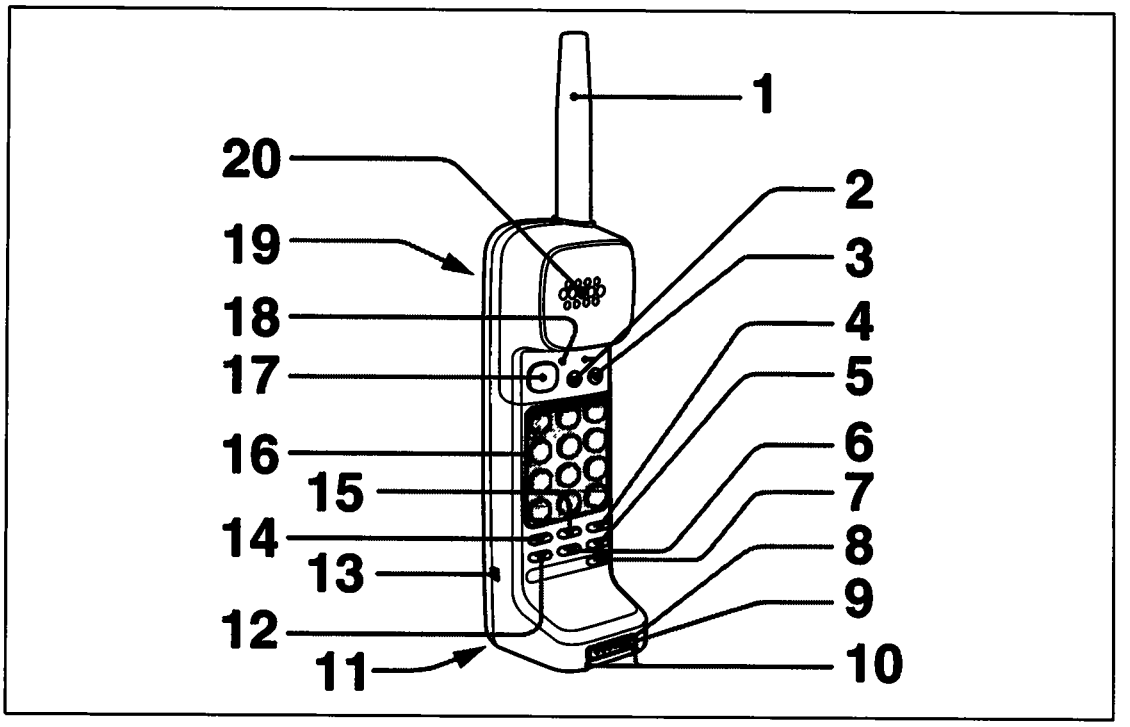
24 **RINGER SELECT (3/5/TS) switch**
Vary the number of rings before the unit answers to take a message.

25 **CPC ON/OFF switch**
Allows you to maximize the time available on your tape.

26 **DIAL MODE (PULSE/TONE) switch**

27 **MIC (microphone)**

Handset



1 **Antenna**

2 **(REMOTE) button and lamp**
Press to operate the answering machine from the handset.

3 **(FLASH) button**
Accesses call waiting (or gives you a new dial tone).

4 **(INTERCOM) button**
Press to call the base unit.

5 **(REDIAL/PAUSE) button**
Redials the last number called/inserts a pause.

6 **(MUTE) button**
Press to mute your voice.

7 **(CHANNEL) button and lamp**
Press to change the channel when interference occurs.

8 **Ringer speaker**

9 **Microphone**

10 **Charge terminals**

11 **Battery compartment (rear)**

12 **(VOL/PGM) (volume/program) button**

13 **RING ON/BATT SAVE mode switch**
Select RING ON mode or BATT SAVE mode. The handset will not ring on an incoming call when set to BATT SAVE mode.

14 **(RECALL) button**
Press to access speed dialing numbers.

15 **(CONV REC) (conversation recording) button**
Press to record the conversation.

16 **Dialing keys/Remote operation buttons**

17 **(TALK) button**
Press to answer a call, access the dial tone to make a call and hang up when a call is finished.

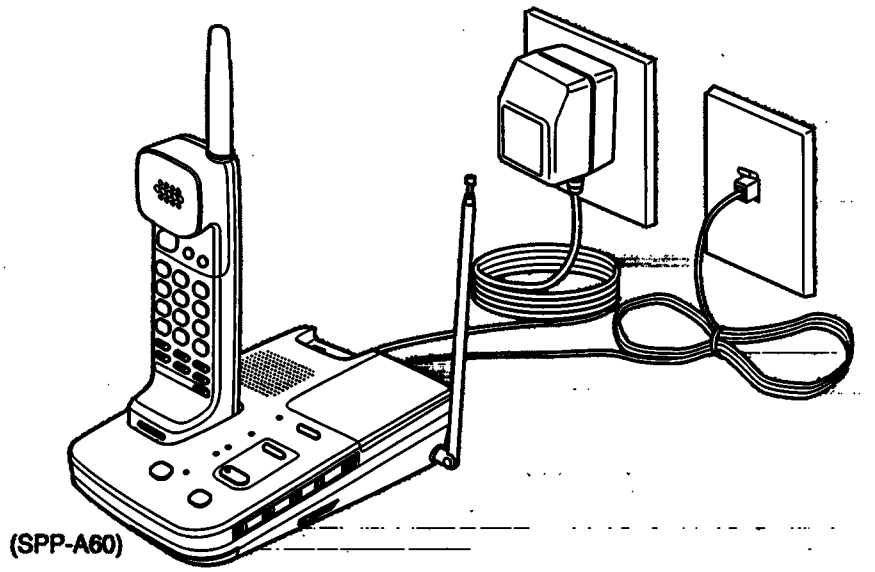
18 **TALK/BATT LOW lamp**
Indicates that the phone is in use. Also indicates low battery power by lighting up every 3 seconds.

19 **Directory sheet (rear)**

20 **Speaker**

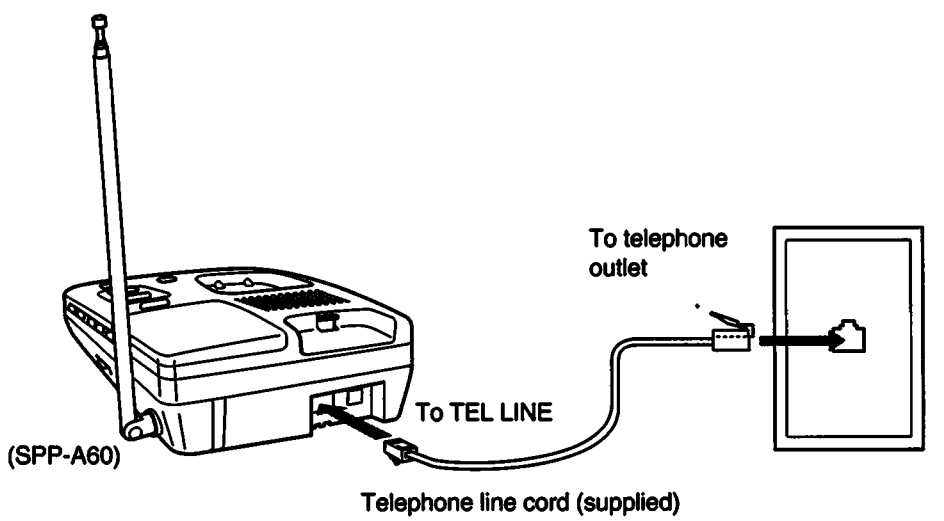
Complete Set-up

Connect the AC power adaptor to continuous power supply.



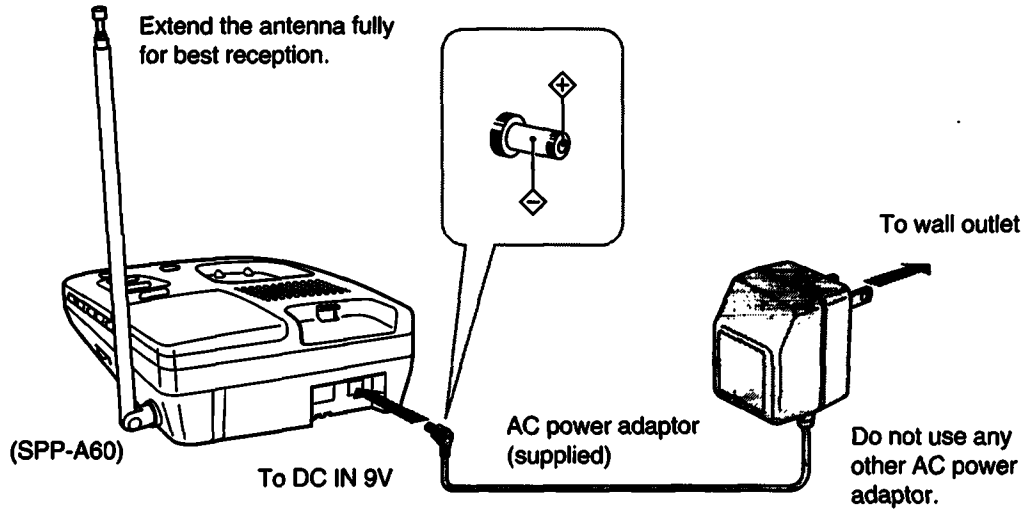
Clean the charge terminals with a soft cloth about once a month to ensure proper charging.

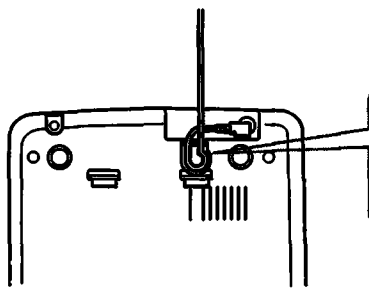
Telephone Line Connection



If your telephone jack is not a modular type, please contact your telephone company for assistance.

Power Connection


Extend the antenna fully for best reception.
To wall outlet
(SPP-A60)
To DC IN 9V
AC power adaptor (supplied)
Do not use any other AC power adaptor.



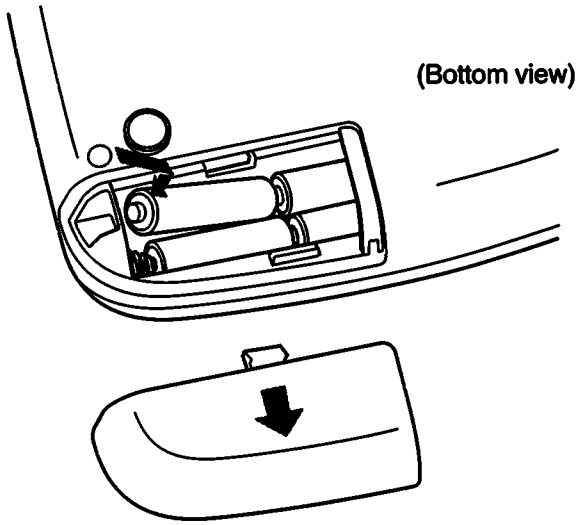
Route the AC power adaptor's cord through the groove on the back of the base to avoid accidental disconnection.

Notes

- **Connect the AC power adaptor to continuous power supply.**
  If the telephone is connected to a wall outlet where power is cut off every night, the back-up batteries will be exhausted and the battery pack will not be charged. The outgoing message, the number of messages, ID code and current time will be erased.
- **The POWER lamp blinks when the back-up batteries are either exhausted or not installed.**
- **"P" indication blinks on the message counter LED if the AC power failure occurred when the back-up batteries are either exhausted or not installed.**

Installing the Back-up Batteries in the Base Unit

Install the supplied size AAA (R03) batteries in the base unit. The batteries retain the outgoing message (OGM), the number of messages, the ID code and the current time when the AC power is interrupted.



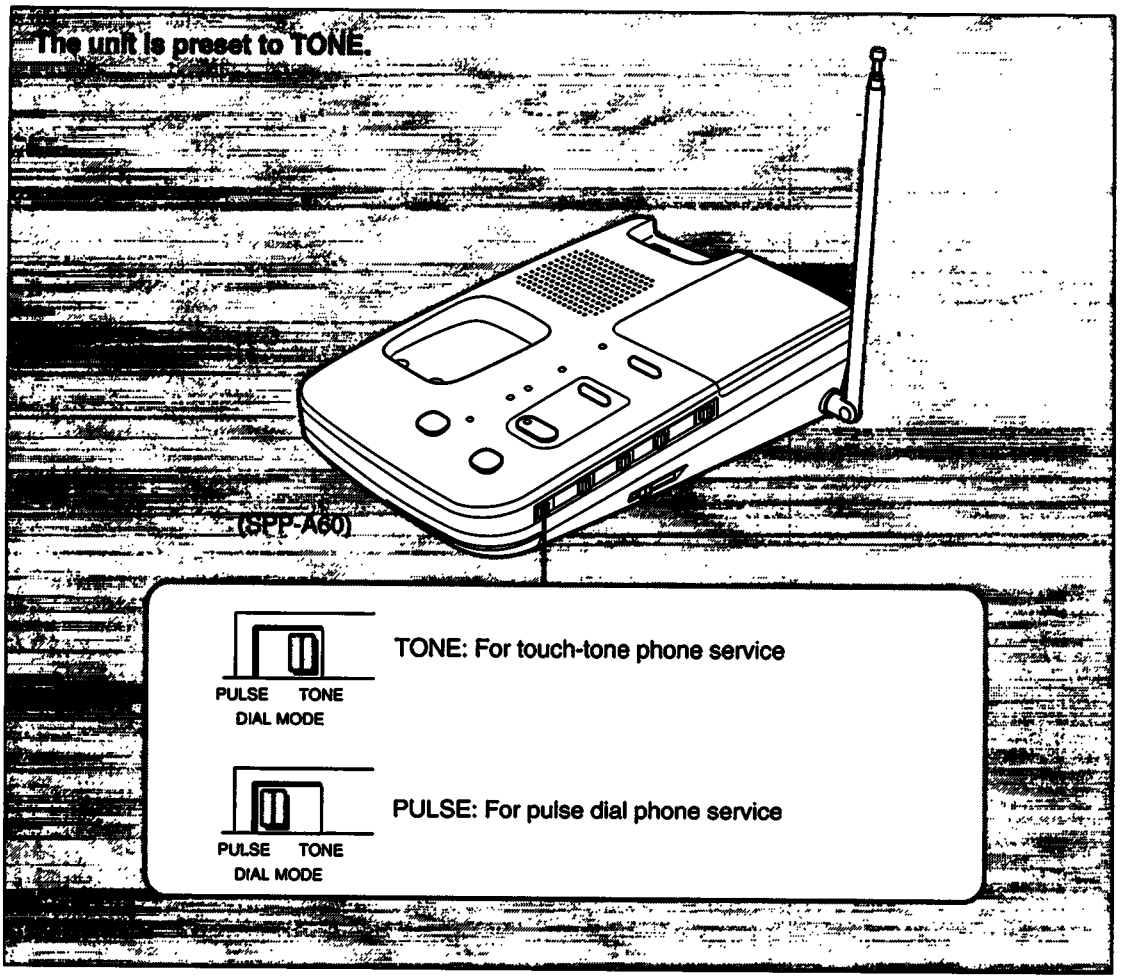
Install the + and – poles of the batteries correctly according to the indication in the case of the batteries.

Note

When there is AC power supply but the back-up batteries are either exhausted or not installed:
The POWER lamp blinks as a warning. The telephone and answering machine will operate normally. But the outgoing message, the number of messages, the ID code and the current time will not be retained if a power interruption occurs.

When the back-up batteries are installed but there is no AC power supply:
The telephone and answering machine do not operate. During a power interruption, the outgoing message, the number or messages, the ID code and the current time are kept in memory for about 24 hours if the batteries are fresh.

Selecting the DIAL MODE (pulse or tone)



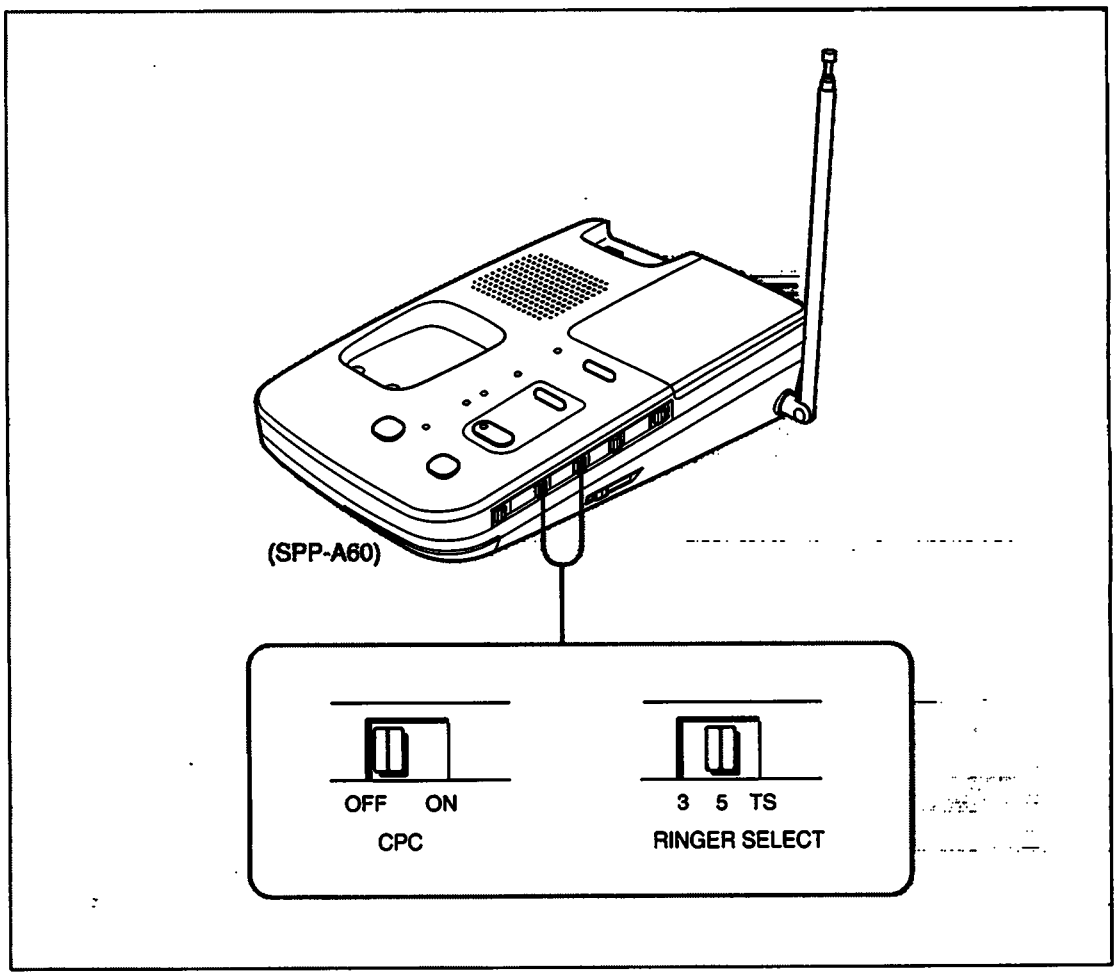
If you do not know which setting is correct for your telephone line, check as follows.

1 Make sure the DIAL MODE switch located on the side of the base unit is set to TONE.

2 Make a trial call (See page 22).

3 If the call is connected, leave the switch at TONE. Otherwise, set the switch to PULSE.

Setting Other Selectors of the Base Unit



CPC (Calling Party Control) ON/OFF switch
The CPC switch is useful to maximize the time available on your microcassette when using the unit as the answering machine.

Set the CPC switch to
ON: To have the unit sense the hang-up click and stop recording immediately.
OFF: Not to have the unit sense the hang-up click. Some length of the dial tone may be recorded after the caller hangs up.

Note

If you subscribe to "call waiting service", set the CPC switch to OFF. If it is set to ON, your caller may be cut off midway while recording his/her message if another call comes in.

RINGER SELECT switch (Toll-Saver)
The RINGER SELECT switch allows you to vary the number of rings before the unit answers to take a message.

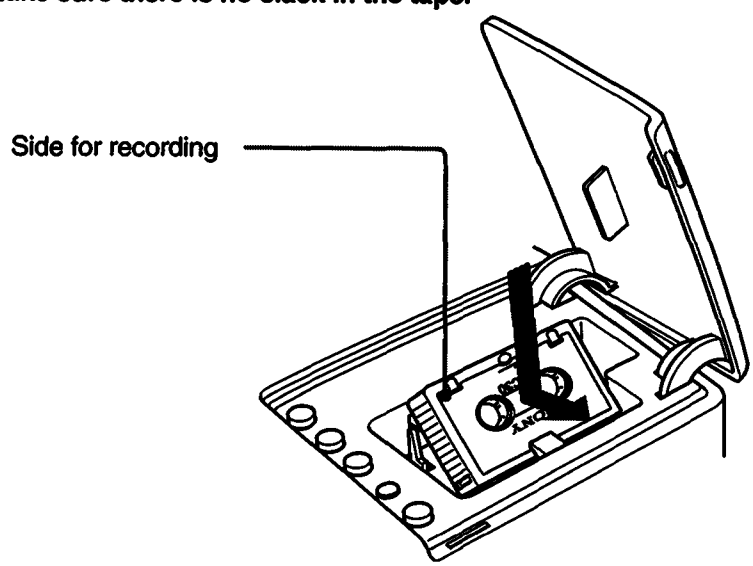
Toll Saver allows you to determine if you have any messages by the number of rings before the unit answers when using the remote operation.

Set the RINGER SELECT switch according to the following table.

Position of the switch	Description
3	The unit always answers after 3 rings.
5	The unit always answers after 5 rings.
TS (Toll Saver)	If any new (non-played back) messages are recorded, the unit answers after 3 rings. If no new messages are recorded, the unit answers after 5 rings. When calling to retrieve your messages remotely, you will know there are no new messages when you hear the 4th ring, and hang up without incurring the cost of the call.

Installing the Microcassette

Make sure there is no slack in the tape.



1 Open the lid.

2 Install the supplied microcassette in the microcassette compartment with the side for recording facing up.

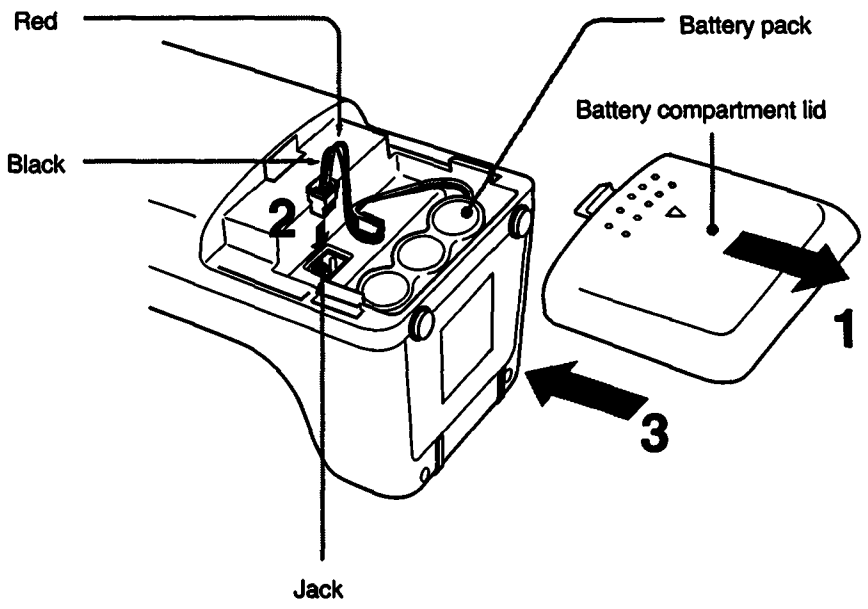
Note

When you change to a new tape, we recommend a 30-minute microcassette, such as the Sony MC30.

Charging the Battery Pack in the Handset

Before initial use, charge the supplied battery pack for more than 12 hours.

Handset



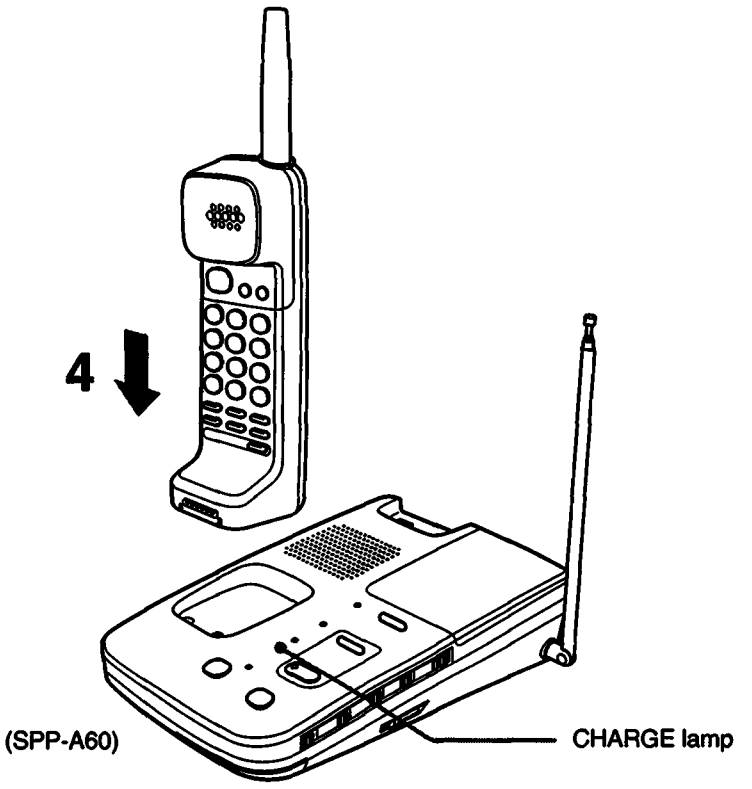
To charge the battery pack

1 Remove the battery compartment lid by pushing it downward. The battery pack is packed separately in the carton box.

2 Place the battery pack in the battery compartment and connect the cord correctly to the jack as shown on the above illustration.

3 Replace the battery compartment lid by pushing it upward.

4 Place the handset on the base unit and charge the battery pack for more than 12 hours. The CHARGE lamp lights when the handset is properly seated onto the charge terminals of the base unit.



When to Charge the Battery Pack

As long as the handset is placed back on the base unit after each call, the battery pack will be recharged continuously.

Battery duration
The battery duration is approximately 7 days in RING ON mode. If talking continuously on the handset, the duration is approximately 7 hours.

If the handset battery becomes weak
A beep tone will be heard every 3 seconds while you are on the phone.
The call will be disconnected after one minute.

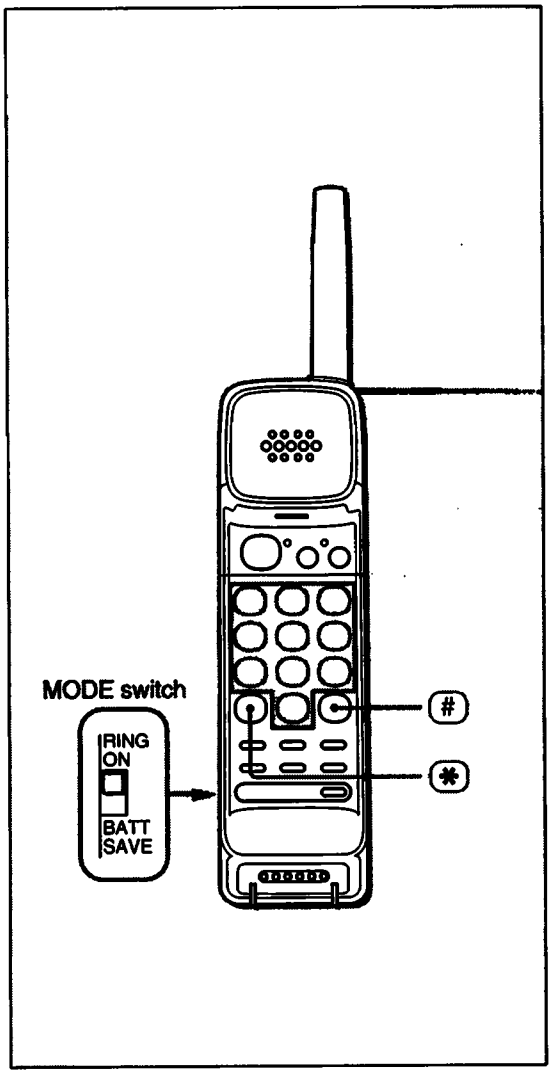
Battery life
Replace the battery pack with a new one when the operating time of the completely charged battery pack has noticeably shortened.
(Contact your dealer or a Sony Service Center for battery replacement.)

Note

If the handset battery is completely discharged, the digital security code will be erased and all programmed numbers will be lost from memory. Charging the handset battery on the base unit with handset in RING ON mode will restore the security code. (See page 46 for more information about the digital security code.)

Setting the Current Time

Set the current day of the week and the time before using this phone. Once you set them, the unit will record the day and time of each incoming message.



Make sure that the mode switch is set to the RING ON position.

1 Press (REMOTE).
The REMOTE lamp lights up.

2 Press (*).

3 The keys ① to ⑦ correspond to the days of the week as follows. Press the corresponding key.
① Sunday ② Monday ③ Tuesday
④ Wednesday ⑤ Thursday ⑥ Friday
⑦ Saturday
If you press a wrong key, try again from step 1.

4 Press the dialing keys according to the current time.
For single digit hour, **be sure to press ⓪ first.**
If you press a wrong key, try again from step 1.

5 Press (*) for AM or (#) for PM.
You will hear a long confirmation beep from the handset ringer. The current time you set will be heard from the base unit speaker and the handset speaker for confirmation.
If you press a wrong key, try again from step 1.

6 Press (REMOTE) to end operation.
The REMOTE lamp goes off.

Example
Current time Thursday 6:45 PM
Keys to press ⑤ ⓪ ⑥ ④ ⑤ (#)

To check the current time

1 Press (REMOTE).
The REMOTE lamp lights up.

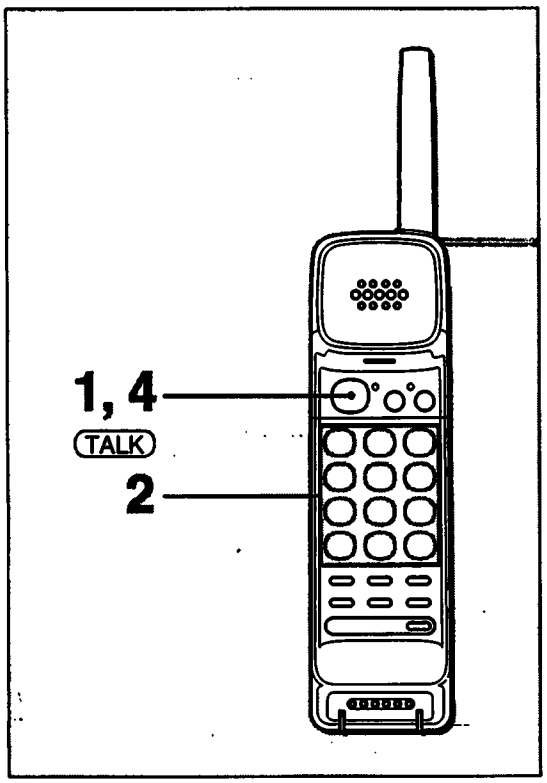
2 Press ⑧.
You will hear a long confirmation beep, and then the present day of the week and the time anounced.

3 Press (REMOTE) to end operation.
The REMOTE lamp goes off.

Notes

- If 2 minutes elapse while performing steps 2 to 5, the operation is canceled. Try again from step 1.
- When the power is connected, Sunday, 12:00 AM is set and the built-in clock starts operation. If you press ⑧ to check the current time without setting the time, a time which is not the current time will be announced.
- If a power interruption occurs when the back-up batteries are either exhausted or not installed, the current time will be erased. In this case, set the current time again.

Making Calls



1 Press (TALK).
The TALK lamp lights up. Confirm the dial tone.

2 Dial the number.

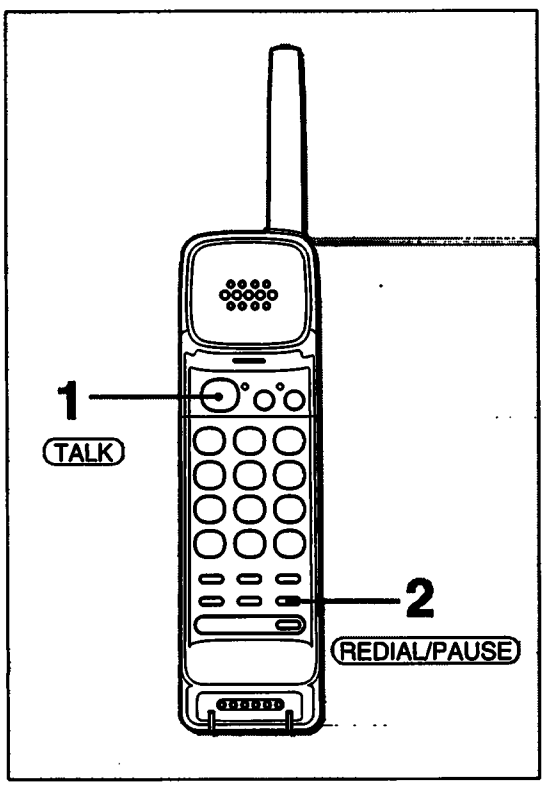
3 Talk when your party answers.

4 When you have finished, press (TALK) again or replace the handset on the base unit to disconnect.
The TALK lamp goes off.
To make another call, press (FLASH) and dial again.

Note

If interference noise occurs when you press (TALK), **three short alarm beeps or five short error beeps will sound. In this case, bring the handset closer to the base unit.**

Redialing a Number



If the line is busy when you call someone, or you want to call someone you just called, there is no need to dial the number again manually. Pressing (REDIAL/PAUSE) automatically redials the most recently dialed number.

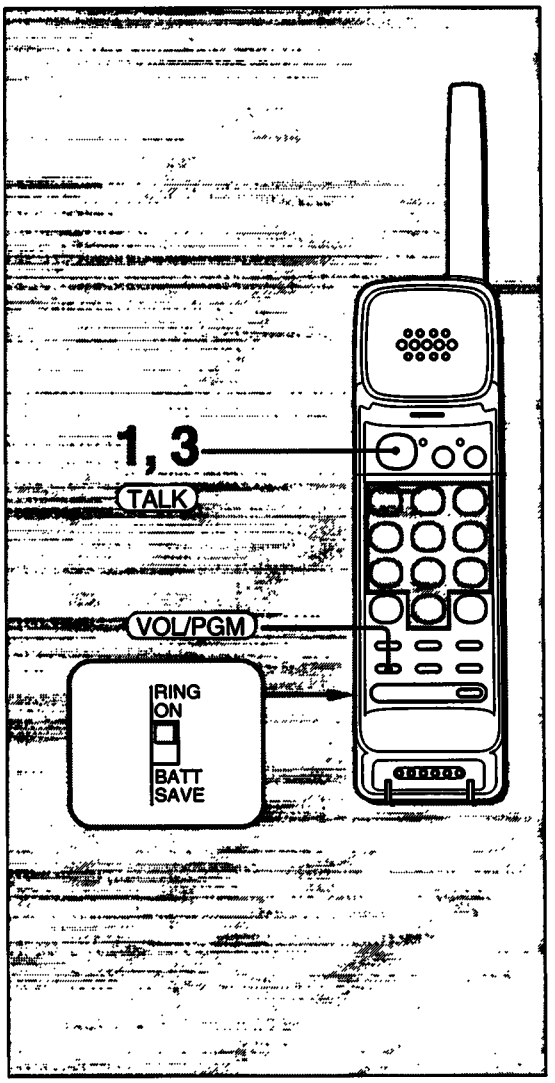
1 Press (TALK).
The TALK lamp lights up.

2 Press (REDIAL/PAUSE) instead of dialing the number.

Note

You can redial a phone number of up to 32 digits.

To keep the last number dialed confidential
Press (REDIAL/PAUSE) twice as soon as you finish the call. This will erase the redial memory.



Ringer mode setting
Select either RING ON mode or BATT SAVE mode using the MODE switch.
RING ON: Normal standby mode. The handset will ring on an incoming call.
BATT (battery) SAVE: Prolongs the battery duration. You can still make or receive calls by simply pressing (TALK).
THE HANDSET WILL NOT RING ON AN INCOMING CALL WHEN SET TO THE BATTERY SAVE MODE.

Receiving Calls

1 When you hear the ring, press (TALK). The TALK lamp lights up.

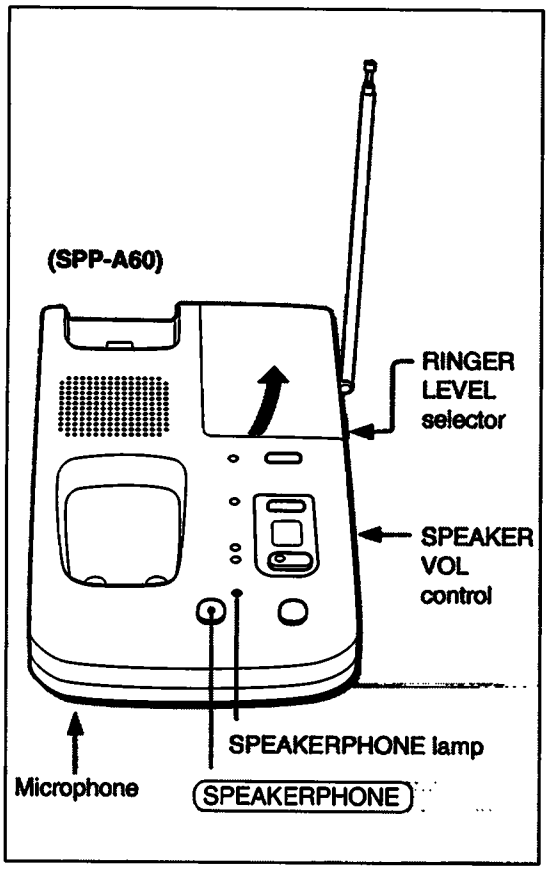
2 Speak into the microphone.

3 When you have finished, press (TALK) again or replace the handset on the base unit to disconnect.

To adjust the volume level of the handset
Adjust the volume of incoming calls through the handset during conversation. High or low volume can be alternately selected by pressing (VOL/PGM).

Note

If you are too far away from the base unit or there is excessive interference when you press (TALK), three short alarm beeps or five short error beeps will sound. In this case, bring the handset closer to the base unit.



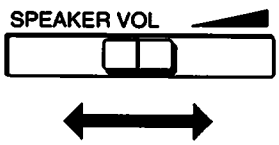
Receiving calls on the base unit (SPP-A60 only)

1 When you hear the ring, press (SPEAKERPHONE).
The SPEAKERPHONE lamp lights up.

2 Speak into the base unit.

3 When you are finished, press (SPEAKERPHONE) again. The SPEAKERPHONE lamp goes off.

To adjust the volume of the base unit speaker
Use the SPEAKER VOL control.

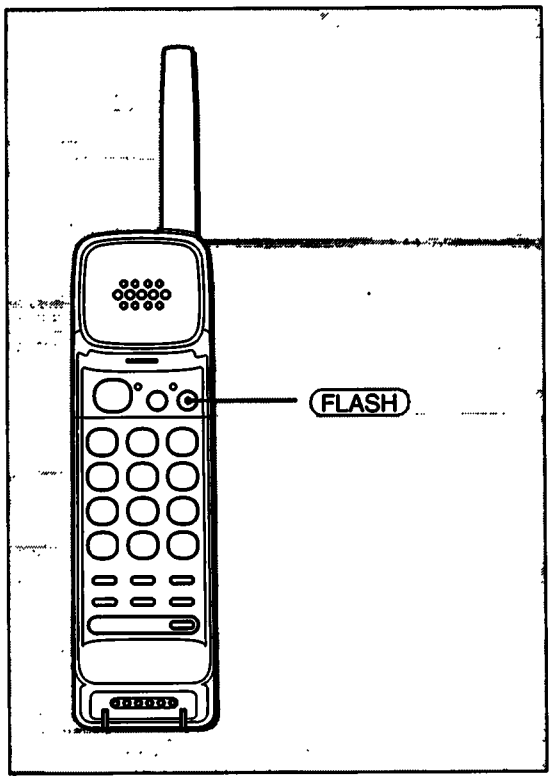


To adjust the ringer sound level
Select HIGH, LOW or OFF by using the RINGER LEVEL selector of the base unit.

The handset rings even if the RINGER LEVEL selector of the base unit is set to OFF.

For the best speakerphone results
- You may not be able to hear the other person's voice in a noisy place. Use the speakerphone in a quiet room.
- Do not bring your hand or other object too close to the microhpne. This will result in a shrill noise (howling).
- When speaker volume is loud, or the telephone has been placed close to a wall, you may find that the volume drops suddenly. This is due to a circuit in the telephone designed to protect against howling. In such cases, lower the volume slightly.

Using Call Waiting and FLASH

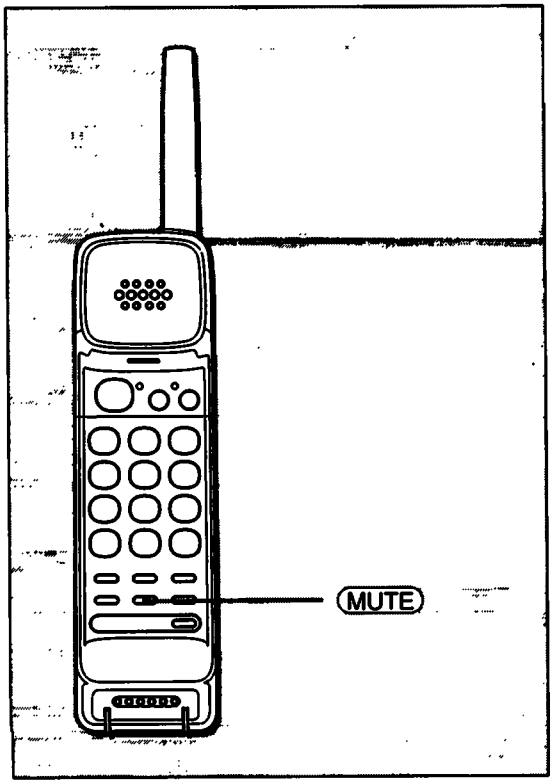


If you subscribe to "call waiting service", press (FLASH) to switch from one party to the other.

Note

If you do not have this service, the line will be disconnected when (FLASH) is pressed.

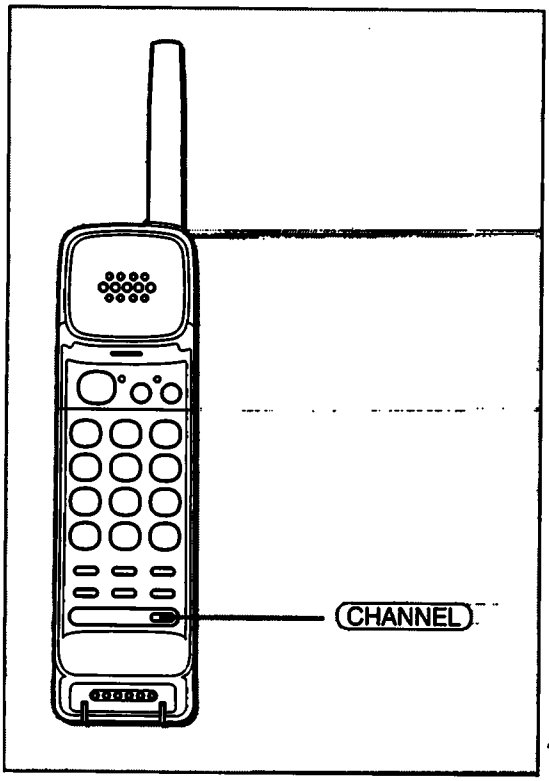
Putting a Call on Mute



Press (MUTE) during conversation.
The TALK lamp blinks.
You can hear the other party but the other party cannot hear you.

To resume conversation, press (MUTE) again.
The TALK lamp lights up.

Changing Channels for Better Reception



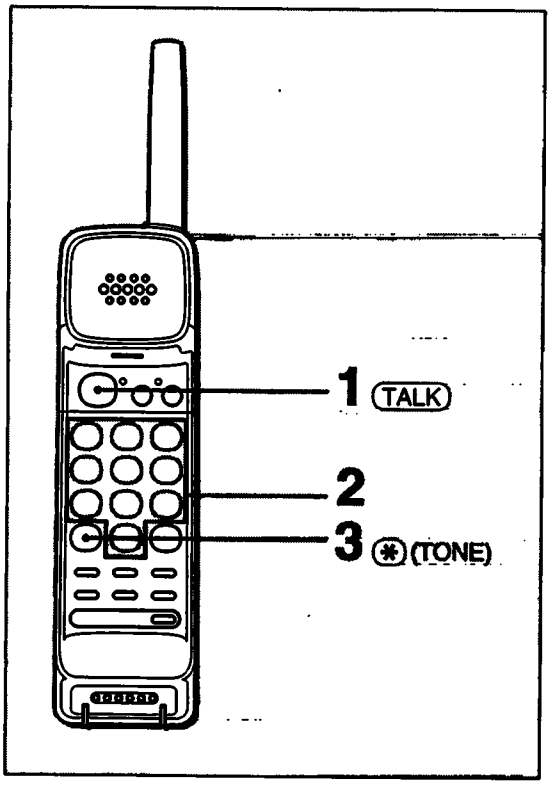
When you hear interference noise during conversation on the handset, try bringing the handset closer to the base unit.

If interference still persists, press (CHANNEL) of the handset to select an alternative channel.
The channel lamp blinks, and lights up when the channel has changed.

Notes

- If you try to change the channel when the handset is too far from the base unit, five short error beeps will sound and the channel cannot be changed.
- In this case, bring the handset closer to the base unit and try again.

Using Your Long-distance Service



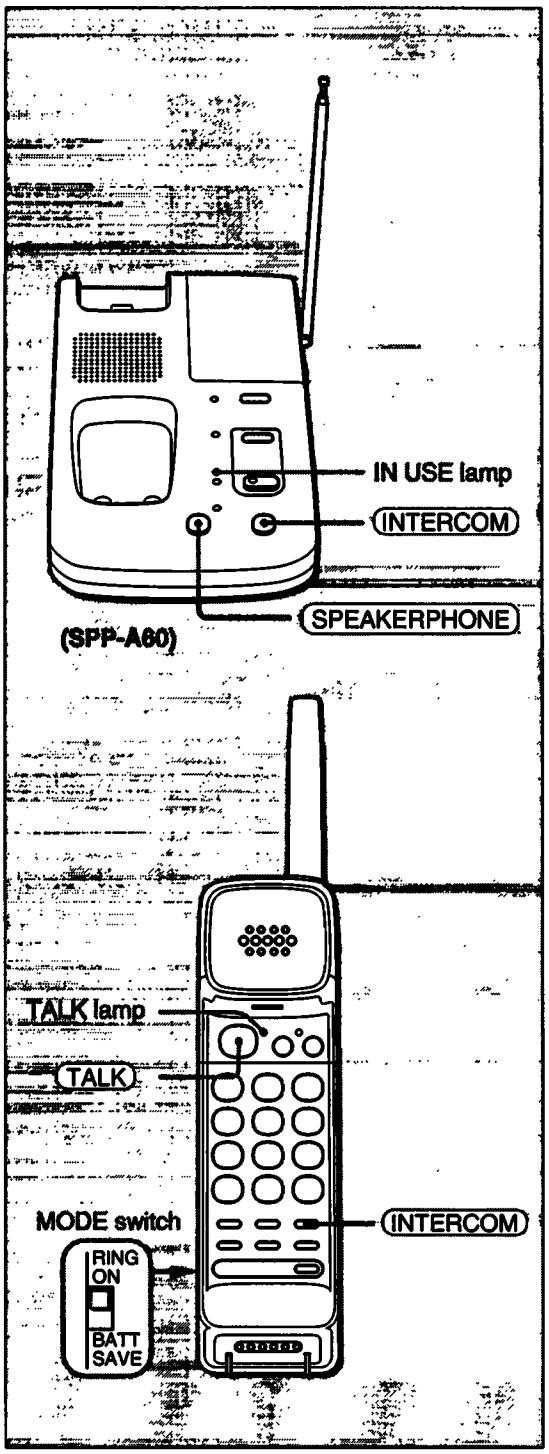
Some services, such as MCI, Sprint and other "alternative long-distance" companies, may require the distinct tones generated by a touch-tone phone. If you have pulse-dial service, you can still access these services through a process called "mixed dialing".

1. Press (TALK).
2. Dial the access number of the service you want to use.
3. After you are connected to the service, press (✱) (TONE).
   This switches your phone temporarily to emit tone signals.
4. Dial the long-distance number when instructed by the long-distance company.

Notes

- The above procedure is a typical example. Actual sequences will vary according to the service you are using.
- The tone mode is canceled when you press (TALK). You must press the (✱) (TONE) each time you use "mixed dialing".

Using the Phone as an Intercom



Make sure that the MODE switch on the handset is set to the RING ON position.

To Call the Handset from the Base Unit

1 Press (INTERCOM) on the base unit.

2 When the handset rings, press (TALK), and communication between the base unit and the handset starts.

3 To disconnect
On the base unit: Press (INTERCOM).
On the handset: Press (TALK).

To Call the Base Unit from the Handset

1 Press (INTERCOM) on the handset.

2 When the base unit rings, press (INTERCOM), and the communication between the base unit and handset starts.

3 To disconnect
On the handset: Press (TALK).
On the base unit: Press (INTERCOM)

If You Receive an Incoming Call while Using Intercom

When a call comes in, you hear the incoming ring from handset and the base unit speaker.

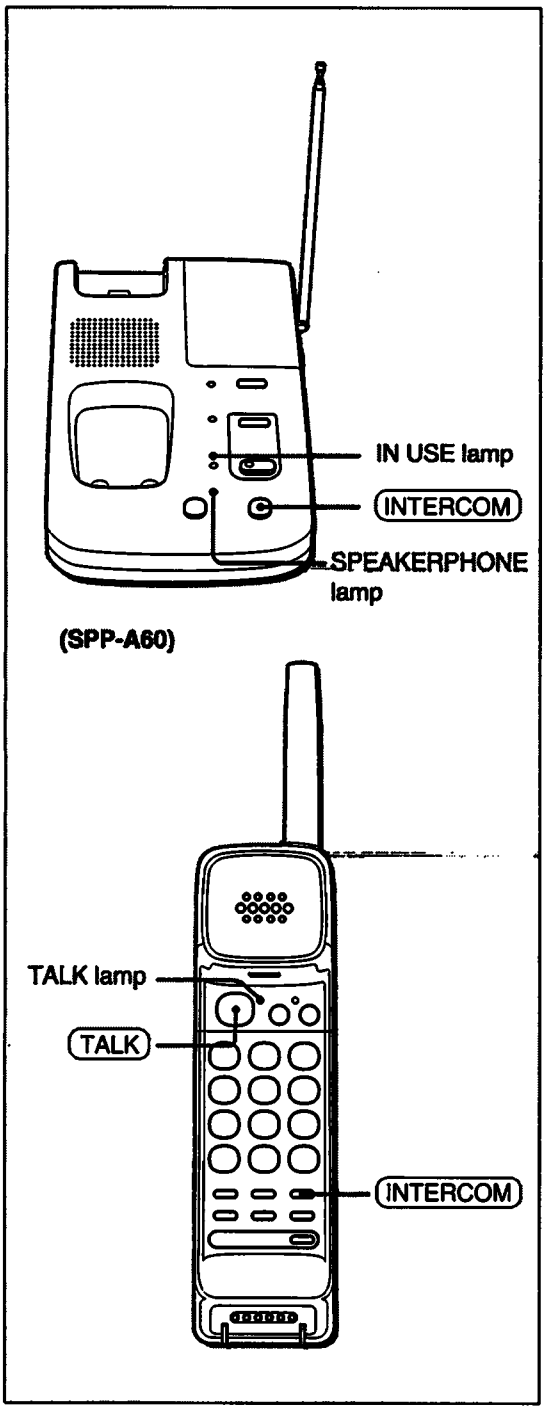
To answer the call on the handset
Press (TALK) on the handset or (INTERCOM) on the base unit to disconnect intercom. Then press (TALK) on the handset to receive the incoming call.

To answer the call on the base unit (SPP-A60 only)
Press (TALK) on the handset or (INTERCOM) on the base unit to disconnect intercom. Then press (SPEAKERPHONE) on the base unit to receive the incoming call.

Note

You cannot use the phone as an intercom when the telephone line is engaged.

Transferring Calls Between the Base Unit and the Handset (SPP-A60 only)



To Transfer from the Base Unit to the Handset

1 Ask your party to wait.

2 Press (INTERCOM) on the base unit.
The call will be put on hold and the SPEAKERPHONE lamp will blink.

3 When the handset rings, press (TALK).
The IN USE lamp will light up.

4 You can speak between the base unit and the handset.

5 Press (INTERCOM) on the base unit.
The call will be transferred to the handset.
The SPEAKERPHONE lamp will go off.

If no one answers at the handset
Press (INTERCOM) on the base unit again.
You can talk with your party again.

To Transfer from the Handset to the Base Unit

1 Ask your party to wait.

2 Press (INTERCOM) on the handset.
The call will be put on hold.

3 When the base unit rings, press (INTERCOM) on the base unit.
The SPEAKERPHONE lamp will blink.

4 You can speak between the handset and the base unit.

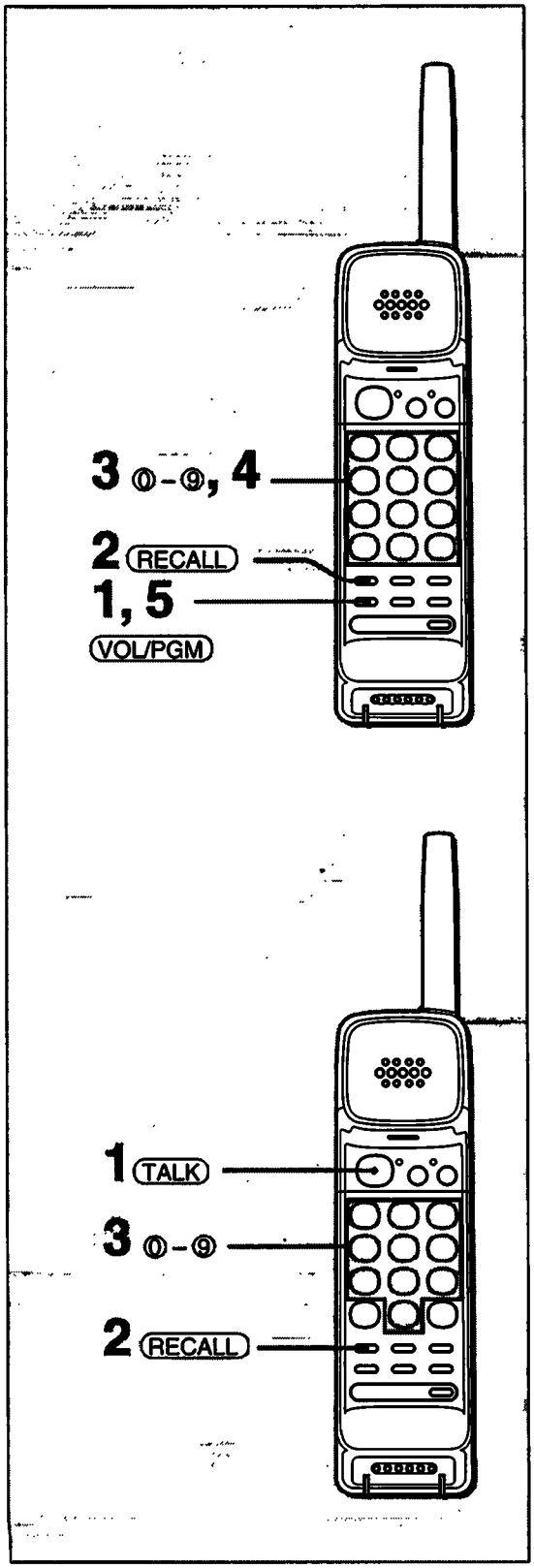
5 Press (TALK) on the handset again.
The call will be transferred to the base unit and the SPEAKERPHONE lamp will light up.

If no one answers at the base unit
Press (INTERCOM) on the handset again.
You can talk with your party again.

Note

When transferring from the handset to the base unit, the call will be disconnected if (TALK) is pressed before (INTERCOM) on the base unit is pressed.

Memory Dialing



You can program up to 10 frequently called numbers into memory for speed dialing (⓪ to ⑨).
You can program a phone number of up to 16 digits for each speed dialing location. (A TONE and REDIAL/PAUSE are each counted as one digit.)

Programming Numbers

Make sure that the MODE switch on the handset is set to the RING ON position.

1 Press VOL/PGM.
The TALK lamp blinks.

2 Press RECALL.

3 Press a dialing key (⓪ to ⑨) to designate the speed dialing memory location.
You will hear a confirmation beep.

4 Dial the phone number you wish to program.
You can program the ⓪ to ⑨ dialing keys, ✱, # and REDIAL/PAUSE.

5 Press VOL/PGM.
You will hear a long confirmation beep.

To change a programmed number
Program a new number into the same location using the procedure above. The old number will be erased automatically.

Notes

- If you try to enter a number that exceeds 16 digits, an alarm will sound. Go back to step 1.
- Do not let more than 20 seconds elapse between any two steps of the programming procedure.
- If you enter a wrong number, go back to step 1.
- You cannot program when receiving an incoming call.

Speed Dialing

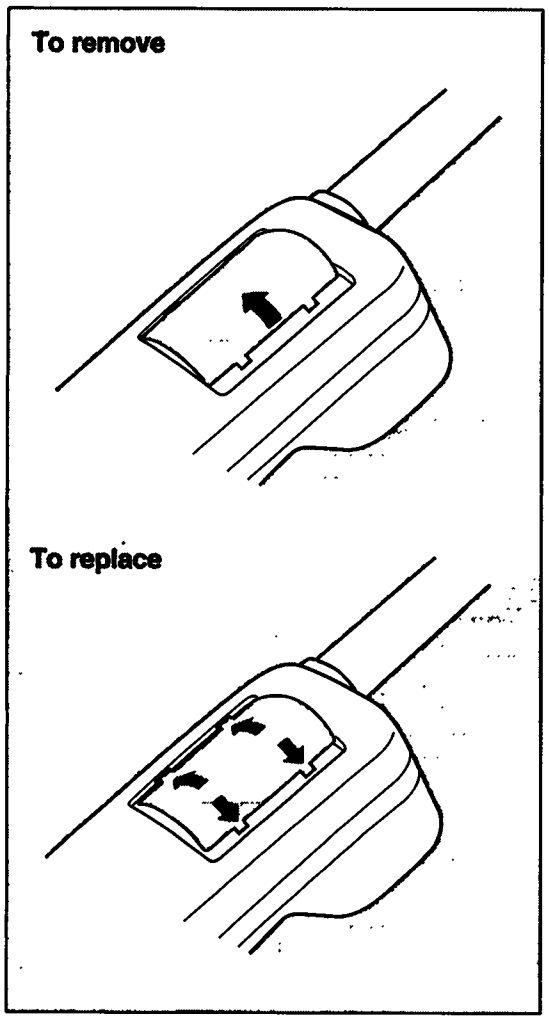
1 Press TALK.

2 Press RECALL.

3 Press the key for the desired location (⓪ to ⑨).

Note

If you press a key without a phone number programmed, five short error beeps will sound.



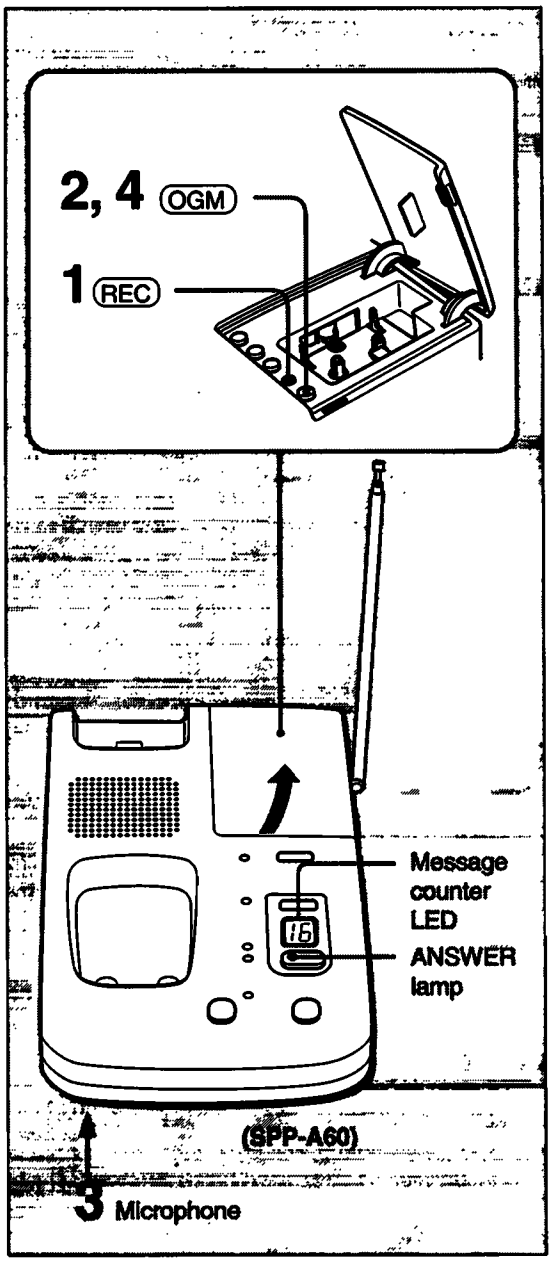
To Program Numbers for Use with a PBX (Private Branch Exchange)

Example: (if "9" is used to access the outside line.)
Follow the usual programming procedure as shown on page 29. Press (REDIAL/PAUSE) between the "9" and the number. An automatic 4-second pause is programmed.

Example: To program 123-4567 on the speed dialing button
Press:
(VOL/PGM) → (RECALL) → speed dialing location (⓪-⑨)(You will hear a confirmation beep.) → ⑨ → (REDIAL/PAUSE) → ① ② ③ ④ ⑤ ⑥ ⑦ → (VOL/PGM) (You will hear a long confirmation beep.)
(A (REDIAL/PAUSE) will be counted as one digit.)

To keep a speed dial directory
Write down the names on the directory sheet, and place it under the clear cover on the back of the handset.

Recording Your Greeting (OGM)



You must record your outgoing message (OGM) first in order to use the telephone answering function. The outgoing message is recorded on an IC chip (not the microcassette). This feature allows the microcassette to record just the incoming messages, minimizing the operational delay due to tape movement, and tape wear.

Make sure that the microcassette tape is installed. (See page 17.)

1 Press (REC) (under the lid).

2 Press (OGM).
A long confirmation beep sounds. You have up to 16 seconds of recording time. "16" indication appears and then the remaining time is shown in the message counter LED.

3 Speak into the base unit microphone. Your message is recorded.

4 Press (OGM) again to stop recording. The base unit will then:
(1) sound a long confirmation beep. The ANSWER lamp lights up. "0" indication appears in the message counter LED.
(2) automatically replay your OGM for confirmation.
(3) move the tape to the beginning. The indication shows "–" while the tape is being reset.
(4) automatically turn on (ANSWER ON). The indication shows "0" when REC TIME selector is set to 1 or 4 (see page 32). "A" when REC TIME selector is set to ANN ONLY (see page 32).

Example of OGM
To receive the incoming message:
"Hello, I'm unable to answer your call right now. Please leave your name, number and message after the beep tone."
For announce only:
"Hello, I'm unable to answer your call right now. Please call again. Thank you."

Notes

- **If the base unit does not turn on (ANSWER ON) after recording your OGM, press (ANSWER).**
- Press (OGM) within 5 seconds after pressing (REC). Otherwise, five short error beeps will sound. In this case, repeat from step 1.
- If your OGM is shorter than 2 seconds, the OGM is not recorded. If a previous OGM exists, that OGM is also erased.

Notes

- If there is no tape installed, the unit will not turn on (ANSWER ON). (Except for ANN ONLY mode)
- If the unit receives a call during operation, the operation is automatically canceled and the phone rings.

For best recording results
Record in a quiet room and speak close (about 20 cm/8 inches) to the unit.

To play back your OGM for confirmation
Press (OGM).

To change your OGM
Record a new OGM over the previous one.

OGM backup function

- If a power interruption occurs and there are fresh back-up batteries in the base unit, the OGM will be retained in memory for about 24 hours.
- If the power interruption occurs and the back-up batteries in the base unit are exhausted, the OGM will be erased. If this happens, "P" indication appears in the message counter LED when the power is restored. In this case, record the OGM, and set the current time (page 20) and the ID code (see page 40) again.

Setting the Recording Time

To let the unit record the incoming messages (ICM), follow the steps below. There are three options for incoming message recording time.
The unit will be able to record up to 19 incoming messages.

Note

You cannot turn on the unit without recording your greeting (OGM) first (see page 31).

1 Select the incoming message recording time by the REC TIME switch according to the following table.

Selection of the switch	Description
1	Allows up to 1 minute per message.
4	Allow up to 4 minutes per message.
ANN ONLY	Announce only: No message will be recorded. "A" appears in the message counter LED.

2 Press (ANSWER).

Note

After you play back messages, make sure if you have enough tape to take more messages. If not, either press (TAPE RESET) or change to a new tape.

Turning Off the Answering Machine

Open the lid and press (STOP/PLAY)
The ANSWER lamp goes off.

Note

You cannot turn off the answering machine by pressing (ANSWER).

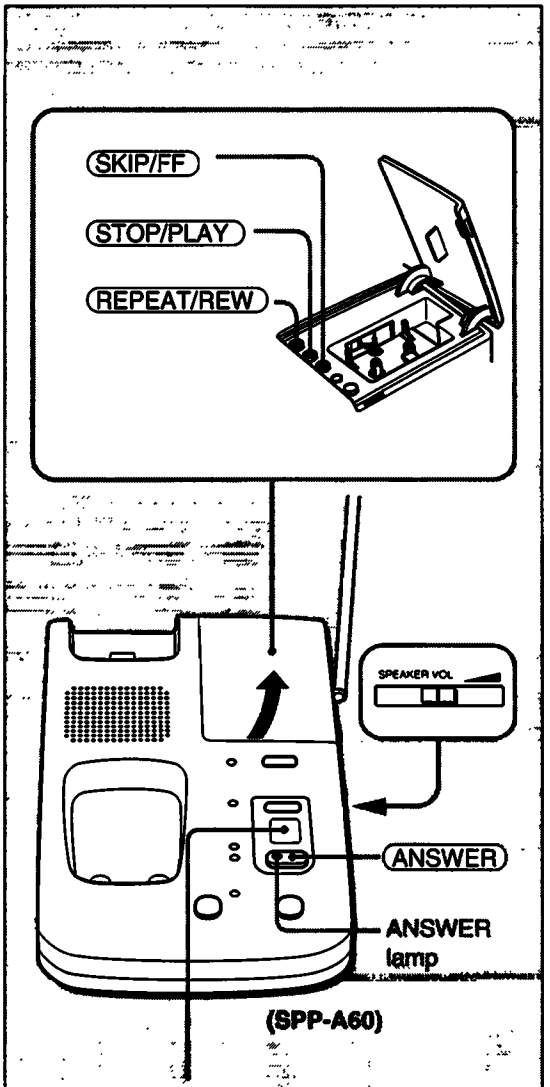
Turning on the Answering Machine

Press (ANSWER).
The ANSWER lamp lights up.

When the Tape is Full with Messages

After you play back the messages of the tape and turn off the answering machine, you must press (TAPE RESET) before pressing (ANSWER) to turn on the answering machine.

Playing Back Messages



Message counter LED
- **"0" to "19" indication shows the number of messages.**
- **"-" indication shows tape movement for the desired operation.**
- **"A" indication shows ANN ONLY mode.**
- **"E" indication shows that the tape is at its end or full with messages.**
- **"P" indication shows power failure. Your OGM, the number of messages, ID code and current time are erased, and the back-up batteries are exhausted.**

When there are new messages recorded not yet played back, the ANSWER lamp and the number of the messages in the message counter LED blink.
When the tape is at its end or full with messages, "E" blinks.

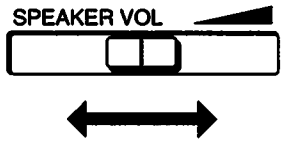
Press (ANSWER) to play back the message. The base unit rewinds the tape and automatically plays back from the first message which has not been played back. After each recorded message, the unit will announce the day of the week and time of recording.
If no messages are recorded, five short error beeps sound.

Notes

- Once you press (STOP/PLAY) during playback, you cannot continue playback by pressing (ANSWER). In this case, play back manually using (STOP/PLAY) button.
- If there is a call during tape playback, rewinding, or fast-forwarding operation, the operation is canceled.

When all messages have been played back
The unit is set to record new incoming messages. The message counter LED shows "0" (or "A" in ANN ONLY mode).

To adjust the speaker volume of the base unit
Slide the SPEAKER VOL control.



To skip to the next message
Press (SKIP/FF) during playback.
The next message will automatically be played back.

Note

You cannot skip the last message.

To play back the same message again
Press (REPEAT/REW) during playback.

Note

To go back to the beginning of the previous message, press (REPEAT/REW) within 3 seconds after the playback of the present message has started.

To play back the messages manually

1 Press (STOP/PLAY) to turn off the ANSWER lamp.

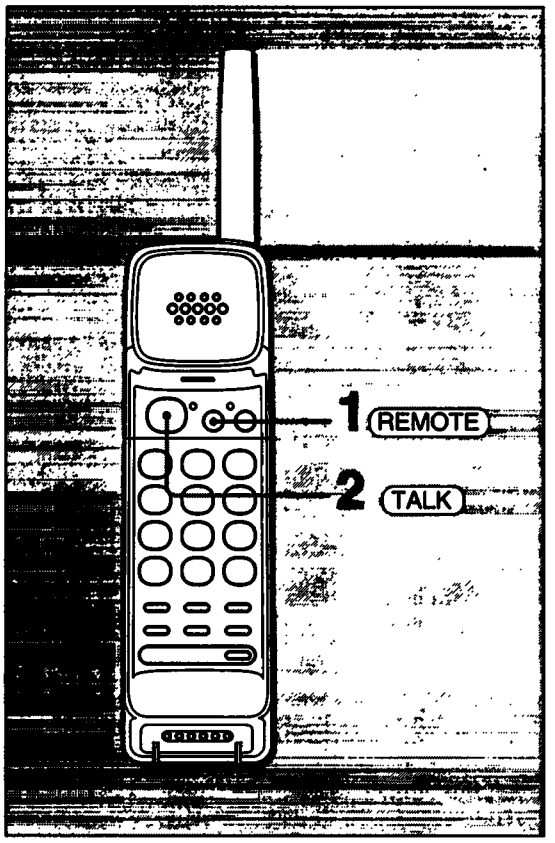
2 To play back the tape, press (STOP/PLAY);
to rewind the tape, press (REPEAT/REW);
to fastforward the tape, press (SKIP/FF).
to stop playing back, press (STOP/PLAY).

To reset the tape
When you played back all the messages and the tape stops, press (TAPE RESET).
The tape is rewound to the beginning. The new messages will be recorded over previously recorded messages.

Notes

- If there are messages which have not been played back yet, five short error beeps sound and the tape cannot be reset.
- If you wish to reset the tape without playing back all the messages, press (STOP/PLAY) while automatically playing back the tape and then press (TAPE RESET).
- If the unit receives a call during operation, the operation is automatically canceled and the phone rings.

Call Screening



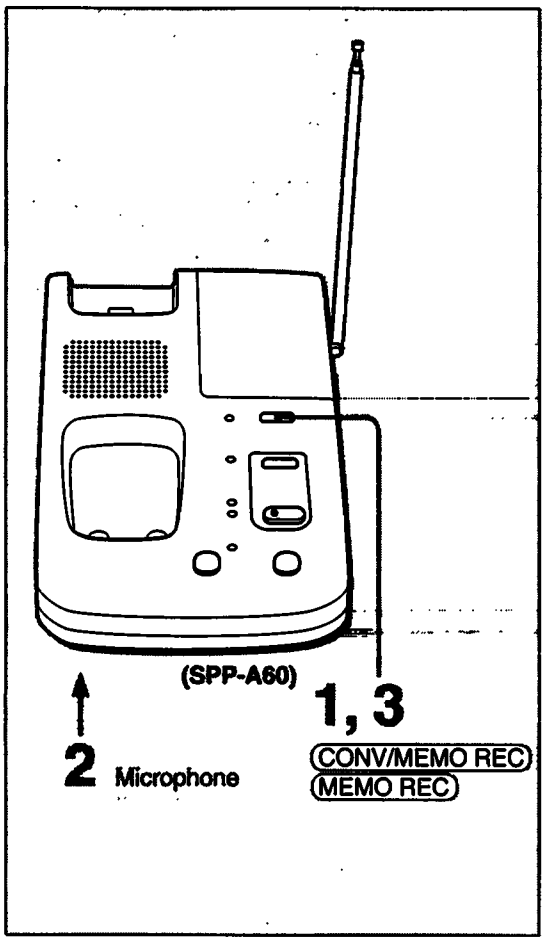
The outgoing message and the callers' messages being recorded can be heard from the base unit speaker.

To screen a call at the handset
The TALK and REMOTE lamps blink while the base unit is answering and recording the caller's message.

1 Listen to the caller's message, pick up the handset and press (REMOTE).
The base unit will keep recording.

2 If you wish to speak to the caller, pick up the handset and press (TALK). The base unit will stop recording.

Recording a Memo Message



You can leave messages to other members of your household or users of your phone.

Make sure that the tape is installed and the answering machine is turned on.

1 Press (CONV/MEMO REC) (for SPP-A60) or (MEMO REC) (for SPP-A40).
A long confirmation beep sounds and the CONV/MEMO REC or MEMO REC lamp lights up. The unit starts recording.

2 Speak into the base unit microphone.

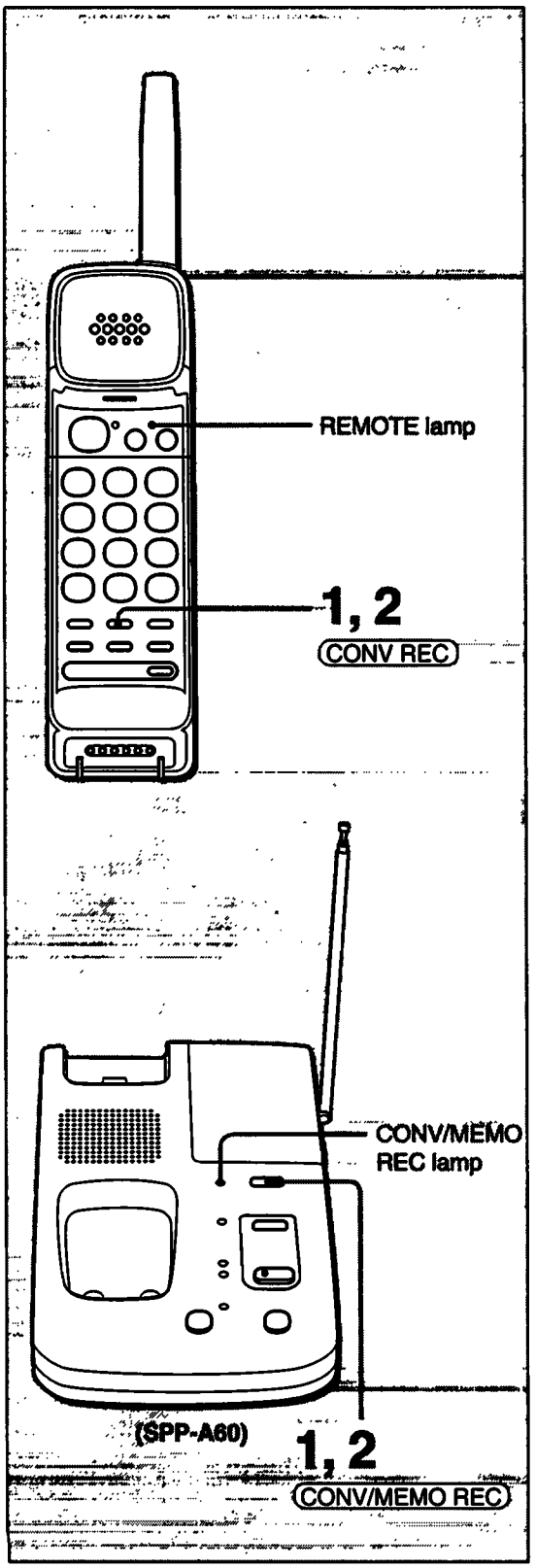
3 To stop recording, press (CONV/MEMO REC) or (MEMO REC) again.
A long confirmation beep sounds and the CONV/MEMO REC or MEMO REC lamp goes off. The memo message will be counted as an incoming message.

To play back memo message
Follow the same steps as "Playing Back Messages" (see page 33).

Notes

- The CONV/MEMO REC or MEMO REC lamp lights only during recording a memo message and it does not stay lit after recording a memo message.
- If the unit receives a call during recording, recording operation is automatically canceled and the phone rings.

Recording a Conversation in Progress



Recording a Conversation in Progress at the Handset

While you are talking on phone, you can record the conversation.
Make sure that the tape is installed and the answering machine is turned on.

1 To start recording, press (CONV REC).
The REMOTE lamp lights up.

2 To stop recording, press (CONV REC) again.
The REMOTE lamp goes off.
Recording also stops when you end the conversation by pressing (TALK) or placing the handset on the base unit.
The recorded conversation will be counted as an incoming message.

To play back a recorded conversation
Follow the same steps as "Playing Back Messages" (see page 33).

Notes

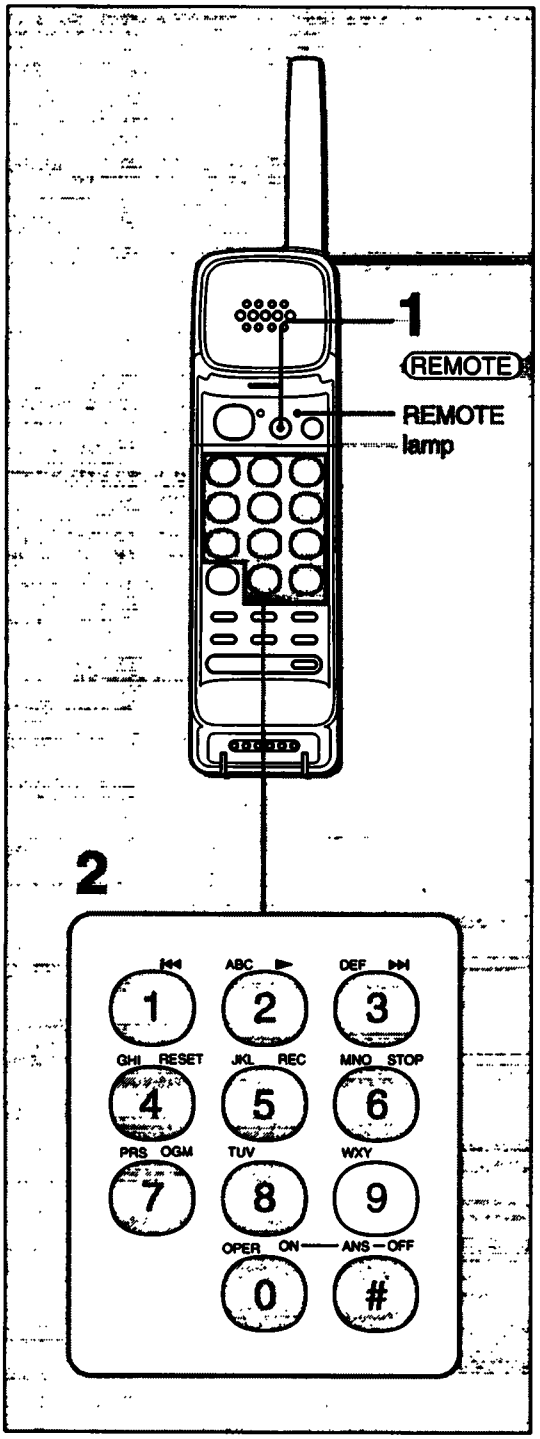
- Even if the tape comes to the end while recording a conversation, the REMOTE lamp of the handset will remain lit. The five short error beeps sound only when you stop recording. Therefore, check the tape length before recording.
- To record the caller's voice only, press (MUTE). The TALK lamp blinks. Your voice will not be recorded, and the caller will not hear you.

Recording a conversation in progress at the base unit (SPP-A60 only)

1 To start recording, press (CONV/MEMO REC).
The CONV/MEMO REC lamp lights up.

2 To stop recording, press (CONV/MEMO REC) again.
The CONV/MEMO REC lamp goes off.
Recording also stops when you end the conversation by pressing (SPEAKERPHONE).

Operating the Answering Machine from the Handset



You can record your outgoing message, play back messages and perform other functions remotely from the handset.
Make sure that the MODE switch on the handset is set to the RING ON position.

1 Press (REMOTE). Make sure that REMOTE lamp lights up.

2 Press the dialing key (⓪ to ⑧, (#)) for the desired function (see the table on page 39).

Notes

- **When more than 20 seconds elapse after (REMOTE) is pressed, a long beep sounds and the remote operation is canceled.**
- If someone else is operating the base unit, five busy tones sound. Press (REMOTE) again to stop busy tones.
- If the unit receives a call during remote operation, the remote operation is automatically canceled and the phone rings.

Description of Remote Operation from the Handset

Function	Control key	Description
Play back message	② (▶)	When there are new messages not yet played back, the messages are played back.
Repeat	① (I◀◀)	The present message is repeated. If you wish to repeat the previous message, press within 3 seconds after the present message starts.
Skip forward	③ (▶▶I)	The next message is played back. You cannot skip the last message.
Tape reset	④ (RESET)	If there are new messages not yet played back, five short error beeps sound and the tape cannot be reset.
Record memo	⑤ (REC)	Record a memo message. Press ⑥ (STOP) to finish recording.
Record OGM	⑦ (OGM)	Press to record your outgoing message. **You cannot play back your OGM at the handset.**
Check the current time	⑧	The current time is announced by the base unit speaker and the handset speaker. See page 20 about setting the current time.
Interrupt operation	⑥ (STOP)	Press to stop the present operation.
ANSWER ON	⓪ (ANS-ON)	–
ANSWER OFF	(#)(#) (ANS-OFF)	Press (#) twice to set to ANSWER OFF.

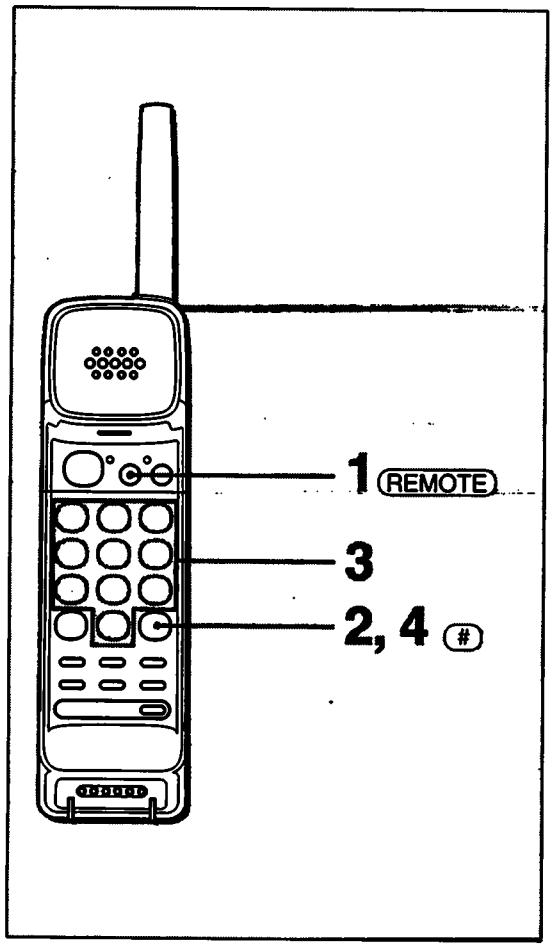
When there are new messages which have not been played back yet
The number of messages will be announced after you press (REMOTE).

To end remote operation
Press (REMOTE) or replace the handset on the base unit. The REMOTE lamp goes off.

Note

You cannot make a call or use the intercom during the remote operation.

Operating the Answering Machine from a Touch-tone Phone



You can operate the answering machine remotely from any touch-tone phone while you are away from your home.

Setting Your ID Code

For remote control operation, you must set a two-digit ID code at the handset.

1 Press (REMOTE) on the handset.
The REMOTE lamp lights up.

2 Press (#).

3 Press any two digits for the ID code.
You can use any two-digit number from 00 to 99.

4 Press (#).
You hear a long confirmation beep when the ID code is set.

Notes

- **If you do not set an ID code, you cannot use the remote operation.**
- If a power interuption occurs when the back-up batteries are either exhausted or not installed, the ID code will be erased. In this case, reprogram the ID code.

Remote Operation from a Touch-tone Phone

When the answering machine is turned on

1 Call your phone from a touch-tone phone.

2 While you hear your outgoing message, press (#) and your ID code.
Example: When your ID code is 48, press (#), (4), (8).

3 You hear a long confirmation beep from your phone and the outgoing message stops, if the code is correct.
If there are messages, you will hear the number of messages announced.

4 Press the control code for the operation you want within 20 seconds.
The control codes are described in the next page.

5 To go to the next operation, press the next control codes within 20 seconds.

6 Hang up when you are finished.

When the answering machine is not turned on, or if the tape is full with messages

1 Call your phone from a touch-tone phone.

2 After 10 rings, the unit will pick up and you will hear intermittent beeps.

3 Press (#) and your ID code.

4 You hear a long confirmation beep from your phone.
If there are messages, you will hear the number of messages announced.

5 Press the control code for the operation you want within 20 seconds.

6 To go to the next operation, press the next control code within 20 seconds.

7 Hang up when you are finished.

Notes

- **If 20 seconds elapse without pressing a control code, the line will be disconnected.**
- **If you do not set an ID code, the unit will not pick up after 10 rings.**

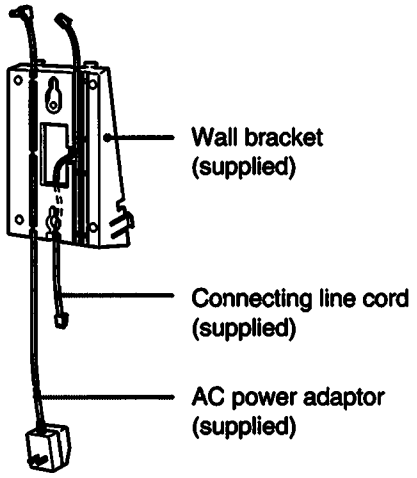
Description of Control Codes for Remote Operation

The table below shows the functions you can operate remotely and the control codes for them.

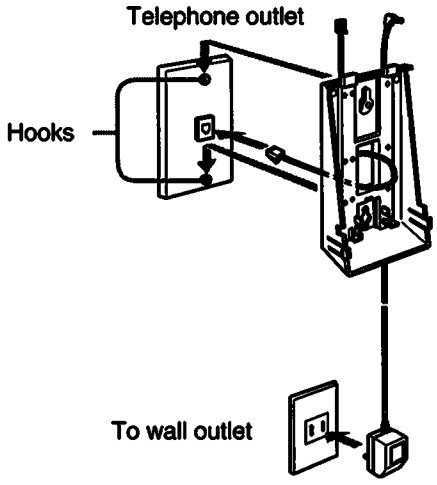
Function	Control code	Description
Play back the messages	(#) (2) (#)	• The playback stops every 4 minutes. Press the control code again to continue playback. • You hear intermittent beeps while the unit rewinds the tape. • When you hang up after playing back messages, and later call your phone again to play back new messages, the messages which have been played back at the previous call will also be played back again.
Play back the same message again	(#) (1) (#)	• Press the control code during playback.
Skip to the next message	(#) (3) (#)	• Press the control code during playback. • You cannot skip the last message.
Reset the tape	(#) (4) (#)	• You can only reset the tape after all the messages have been played back.
Record a memo message	(#) (5) (#)	• Record the memo message as follows. 1 When you hear a long beep, start speaking. 2 When you are finished, press (*) (*) or hang up to stop recording.
Record outgoing message	(*) (7) (*)	• Record the outgoing message as follows. 1 When you hear a long beep, start speaking. 2 Your phone plays back your outgoing message for confirmation and turns on answering mode.
Check the current time	(*) (8) (*)	• The unit will announce the day of the week and the current time.
Interrupt an operation	(*) (*)	• Your phone stops the operation and waits for the next control code.
Turn on the answering machine	(*) (0) (*)	• You will hear a long confirmation beep.
Turn off the answering machine	(#) (0) (#)	• You will hear a long confirmation beep.

Mounting Your Phone on the Wall

1 Attach the AC adaptor cord and the connecting line cord to the wall bracket.

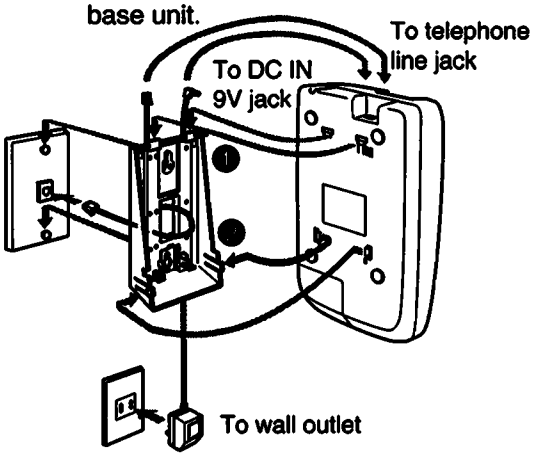


2 Hook the bracket to the telephone outlet.

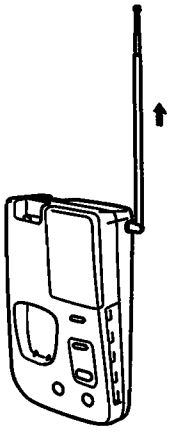


3 ❶ Align the installation hooks on the base unit with the slots on the wall bracket. Insert the phone in the bracket and push down.

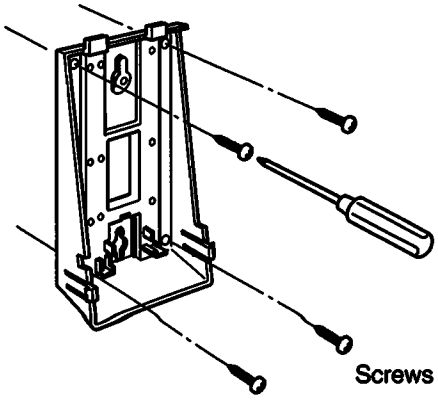
❷ While pressing the parts between slits of the left and right sides of the wall bracket, insert the hooks on the base unit.



4 Extend the antenna fully.

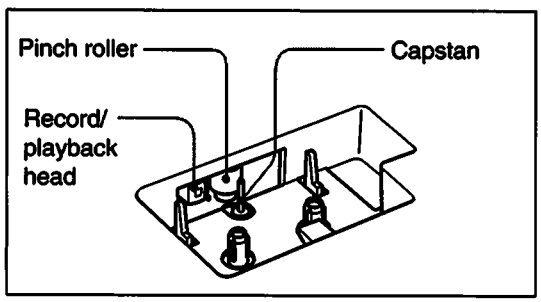


In step 2, if you cannot hook the bracket, attach it directly to the wall. Use the supplied screws.



Cleaning the cabinet
Clean the cabinet with a soft cloth slightly moistened with water or a mild detergent solution. DO NOT use solvents such as alcohol, benzine, or thinner, as they may mar the finish.

Head cleaning
Dirty tape heads will harm recording and playback quality, and may cause malfunctioning. Clean them regularly. Open the lid and remove the microcassette. Wipe the head, the pinch roller and the capstan with a cotton swab slightly moistened in cleaning fluid or denatured alcohol. You can also use a soft cloth.



Power Failure

- The base unit will not operate during power interruption.
- After the power is restored, if the back-up batteries are not installed or the batteries are exhausted, "P" indication blinks in the message counter LED. This means that the OGM, the number of messages, the ID code and the current time are erased. (Press any button on the base unit to turn off "P" indication.) In this case, set the current time, record the OGM and set the ID code again.

Incorrect battery usage may lead to leakage of battery fluid or bursting of batteries. To prevent such accidents, observe the following precautions:

- Install the + and – poles of the batteries correctly.
- When installing batteries, do not mix new and used batteries, or batteries of different types.
- Do not try to recharge batteries.
- When you will not be using the telephone for a long period of time, remove the batteries. If a battery leak should develop, carefully and thoroughly wipe away battery fluid from the battery compartment.

Specifications

General

Frequency control	Crystal-controlled PLL
Operation mode	FM
Operating frequency	46 MHz/10 channel 49 MHz/10 channel
Supplied accessories	AC power adaptor (AC-T42, 1) Telephone line cord (long 1, short 1) Microcassette (MC30, 1) Rechargeable battery pack (BP-T16, 1) Size AAA (R03) batteries (4) Remote control card (1) Directory sheet (1) Wall mounting bracket (1) and screws (4)

Base Unit

Power source	DC 9 V from AC power adaptor
Power consumption	Approx. 7W
Dimensions	Approx. 148 x 66 x 225 mm (w/h/d) antenna excluded (Approx. 5 7/8 x 2 5/8 x 8 7/8 inches)
Weight	Approx. 700 g (Approx. 1 lb 9 oz)

Handset

Power source	Rechargeable battery
Battery duration	Approx. 7 days at RING ON mode Approx. 1 month at BATT SAVE mode
Dimensions	Approx. 59 x 204 x 70 mm (w/h/d) antenna excluded (Approx. 2 3/8 x 8 1/8 x 2 1/8 inches) Antenna: 80 mm (3 1/4 inches)
Weight	Approx. 330 g (12 oz), battery pack included

Answering Machine

Outgoing message	Incorporated IC, up to 16 seconds
Incoming message	Microcassette, recording time selectable (1 or 4 min.) Up to 19 messages
Memo message	No time limit
Conversation in progress	No time limit

Design and specifications are subject to change without notice.

ABOUT THE SECURITY CODE SYSTEM

Sony cordless telephones are equipped with a security code system that automatically matches the handset to the base unit through unique security codes. Each time you receive or initiate a call, the security code is exchanged between the handset and the base unit so that only the matching handset and base unit are connected. This prevents the problem of "cross-signaling", where for example the handset of your unit unintentionally connects with the base unit of your neighbor's cordless phone and vice-versa.

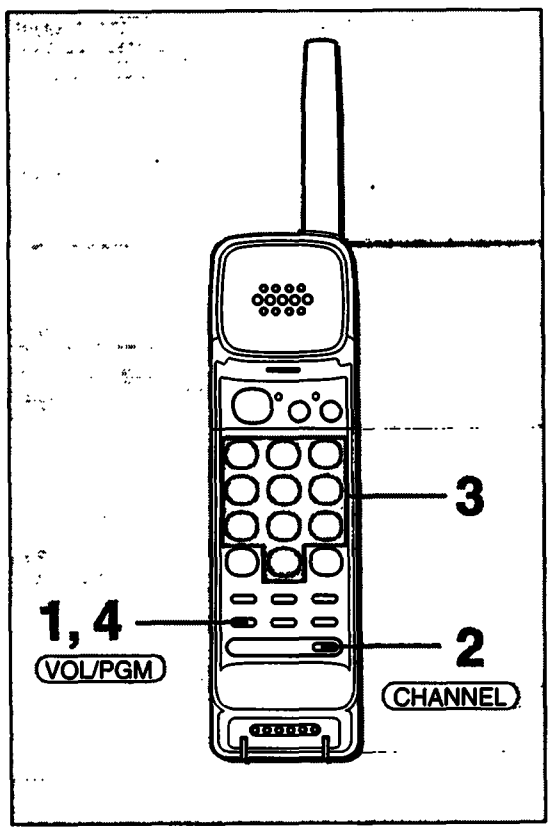
(This is not to be confused with the interference you may encounter **during a call** from other equipment operating nearby, including cordless telephones. The channel selection feature helps you minimize such interference.)

With the automatic security code system in this unit, a unique code is set when you initially place the handset on the base to charge, and that code is maintained as long as the AC power to the base unit is maintained. In case of a prolonged AC power interruption, the base unit will reset with a new code upon power restoration, and if the handset has been away from the base during that time, it will need to be placed back on the base for a few seconds for the new code to be passed on to the handset.

Aside from this situation, the security code system works automatically, and normally you will not need to worry about it at all. Most other cordless telephones also incorporate similar security code systems.

Only in the rare event that you need to manually change the code, the following are the instructions to do so.

Make sure that the MODE switch is set to RING ON position.



1 Press (VOL/PGM).
The TALK lamp blinks.

2 Press (CHANNEL).
You will hear a confirmation beep.

3 Press the number between 0 - 65535 by using the dialing keys.
To set 1, 2, 5, 8, 8, for example, press ①, ②, ⑤, ⑧, ⑧.

4 Press (VOL/PGM).
You will hear a long confirmation beep.

5 Immediately place the handset on the base unit to complete the change.
This procedure will change the code in both the base unit and the handset.

Notes

- A prolonged power failure will erase the digital security code. To reprogram, place the handset on the base unit with the handset in RING ON mode.
- Five short error beeps give warning if you press any number other than 0 - 65535 (such as 65536).

If You Have a Problem

For detailed instrutions, see pages indicated in ●.

Telephone

Problem	Cause and remedy
No dial tone	• Check the connection of the telephone line cord. • The handset battery is weak or completely discharged. Place the handset on the base unit for charging.
The TALK lamp blinks and an alarm sounds.	• You are too far from the base unit. Come closer to the base unit. • The handset battery is weak. Place the handset on the base unit for charging. ●
The line is noisy.	• You are too far from the base unit. Come closer to the base unit. • Place the base unit away from a noise source.
You are connected to a wrong number, or not connected at all, even though you dialed correctly.	Check the DIAL MODE switch setting. ●
The handset does not ring.	• Set the RING ON/BATT SAVE mode switch to RING ON. ● • The handset battery may be weak. Place the handset on the base unit for charging. • Extend the base unit antenna vertically. • The digital security code in the base unit is erased. Place the handset on the base unit. ●
Five short error beeps sound and the redialing function does not operate.	• The last number you dialed was more than 32 digits. You cannot redial. ● • You have erased the last number. ● • You dialed a wrong number.
Five short error beeps sound and the memory dialing function does not operate.	• No phone number is programed in the speed dial location.
Five short error beeps sound while programing the phone numbers for speed dialing.	• The programing is canceled if you do not perform steps within 20 seconds. Repeat the steps from the beginning. ● • The programing is canceled if you press a wrong button. Repeat from the beginning.
Five short error beeps sound while programing the ID code.	• You pressed a wrong button. • You tried to set a number which is not between 00–99. ●
Five short error beeps sound and an intercom call is not possible.	The signal from the handset to the base unit or from the base unit to the handset was not received. Come closer to the base unit.

Problem	Cause and remedy
"P" blinks in the message counter LED.	"P" blinks when you connect first the AC power adaptor or after a power interruption. Press any button to turn it off. ●
The POWER lamp blinks.	• The back-up batteries are not installed in the base unit. Install the batteries. • The back-up batteries are exhausted. Replace with new ones.

Answering Machine

Problem	Cause and remedy
Five short error beeps sound while recording the OGM.	• When 5 seconds have passed after pressing (REC), the recording is canceled. Repeat again from the begining. ● • If your OGM is less than 2 seconds long, the recording is canceled. Repeat from the begining. ● • No tape is installed. Install a tape. ●
Five short error beeps sound when you press (OGM) to play back.	There is no OGM recorded. Record it. ●
Five short error beeps sound when you press (ANSWER) to turn on the answering machine.	• There is no OGM recorded. Record it. ● • No tape is installed. Install a tape. ● • The tape is full and there are messages which have not been played back yet. Play back the messages and press (TAPE RESET).
Five short error beeps sound when you press (CONV/MEMO REC) / (MEMO REC) to record a memo message.	• The answering machine is not turned on. ● • No tape or the tape is full, or being reset.
Five short error beeps sound when you press (ANSWER) to play back incoming messages.	• No message is recorded.
No sound from the speaker of the base unit.	Check the SPEAKER VOL control knob.
Five short error beeps sound when you try to reset the tape.	There are messages which have not been played back yet. Play back the messages. ●
"A" appears in the message counter LED.	You have set the answering machine to annoucement only mode. ●
"E" appears in the message counter LED.	The tape is at its end or full with messages.

Answering Machine

Problem	Cause and remedy
The phone stops recording before a caller finishes his/her message.	• The messages is longer than the REC TIME switch setting (1 or 4 minutes). ● • The caller's voice was too low. The phone disconnects the line when it detects 7 seconds of silence. • The CPC switch is set to ON when you have "call waiting service". Set to OFF. ●
When you call your phone from a touch-tone phone, the line is disconnected.	• You have entered the wrong ID code 3 times. • You have set the CPC switch to ON. Set to OFF. ● • If you hear a long beep, 20 seconds have passed since you have pressed (#) to start the remote control operation. Start over.
Five short error beeps sound when you try to control remotely from a touch-tone phone.	• You have entered the incorrect control code. ●

CAUTION:
If you want to have the unit repaired, please bring or mail both the base unit and the telephone handset to the Sony Service Center.
Otherwise, we may not be able to repair it.

SONY

TELEPHONE PRODUCTS

LIMITED WARRANTY

SONY CORPORATION OF AMERICA ("SONY") warrants this product against defects in material or workmanship, as follows:

1. For a period of 1 year from the date of purchase, SONY will pay the labor charges of your SONY authorized service facility to repair the defective product. After this 1 year period, you must pay for all labor charges.
2. In addition, SONY will supply, at no charge, new or rebuilt replacements for defective parts for a period of 1 year from the original date of purchase.

To obtain warranty service, you must take the product, or deliver the product prepaid, to a SONY authorized service facility.

This warranty does not cover cosmetic damage, and damage due to acts of God, accident, misuse, abuse, or negligence to this product including the antenna. This warranty is valid only in the United States of America.

Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the warranty period must be presented to obtain warranty service.

This warranty is valid only if the serial number appears on the product.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. SONY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

For your convenience, Sony Corporation of America has established the Customer Information Center to supply you with product or service information.

TELECOMMUNICATIONS
HELPLINE
(201) 391-6111

PLEASE CALL US WITH YOUR
QUESTIONS AND COMMENTS ON
SONY TELEPHONE PRODUCTS

SONY CORPORATION OF AMERICA
Sony Drive, Park Ridge, New Jersey 07656

Important: If returning product for service, please see the next page (page 51) for your nearest Sony Service Center

Sony Service Centers

Arizona

Phoenix
2240 North Scottsdale Road
Tempe, AZ 85281
(602) 949-7669

California

Burbank (Los Angeles area)
4100 Riverside Drive, Suite A
Burbank, CA 91505
(818) 842-7669

Costa Mesa (Orange County area)
2729 Bristol Street South
Costa Mesa, CA 92626
(714) 549-4833

San Bruno (San Francisco area)
751 Camino Plaza
San Bruno, CA 94066
(415) 871-2810

San Diego
8975 Complex Drive
San Diego, CA 92123
(619) 279-2724

San Jose
1359 Old Oakland Road
San Jose, CA 95112
(408) 280-7669

Colorado

Denver
Havana Place Center
10740 East Iliff Avenue
Aurora, CO 80014
(303) 755-7669

Florida

Fort Lauderdale
2850 North 28th Terrace
Hollywood, FL 33020
(305) 920-5600

Georgia

Atlanta
120 Interstate North Parkway East
Suite 410
Atlanta, GA 30339
(404) 953-5871

Hawaii

Honplulu
950 Mapunapuna Street
Honolulu, HI 96819
(808) 834-6622

Illinois

Chicago
1730 West Fullerton, Suite 4
Riverpoint Shopping Center
Chicago, IL 60614
(312) 929-8585

Niles (Chicago N.W.)
7540 North Caldwell Avenue
Niles, IL 60648
(708) 647-2400

Westmont (Chicago S.W.)
6036-38 South Cass Avenue
Westmont, IL 60559
(708) 969-0049

Kansas

Kansas City
11712 West 95th Street
Overland Park
KS 66214
(913) 888-2622

Maryland (Washington D.C.)

Washington D.C.
5300 Sunnyside Avenue
Beltsville, MD20705
(301) 595-1818

Massachusetts

Boston
390 University Avenue
128 Westwood Industrial Center
Westwood, MA 02090
(617) 329-5130

Michigan

Detroit
43304 Eleven Mile Road
Novi, MI 48050
(313) 344-4044

Minnesota

Minneapolis
4300 W. 36 1/2 Street
St. Louis Park, MN 55416
(612) 920-8000

Missouri

St. Louis
12462-D Natural Bridge Road
Bridgeton, MO 63044
(314) 291-2201

New Jersey

Mahwah (N.Y. Metropolitan Area)
386 Route 17 South
Mahwah, NJ 07430
(201) 529-1655

Union
Bradlees Shopping Center
US Highway 22 At Morris Avenue
Union, NJ 07084
(201) 687-5555

Ohio

Cleveland
6370 York Road
Parma Heights, OH 44130
(216) 845-7669

Pennsylvania

Philadelphia
651 Park Avenue
King of Prussia, PA 19406
(215) 768-8850

Pittsburgh
Wexford Plaza
10610 Perry Highway (Rt. 19N)
Wexford, PA 15090
(412) 935-8466

Texas

Dallas
401 Preston Valley Shopping Center
Dallas, TX 75230
(214) 661-3537

Houston
7639 Westheimer
Houston, TX 77063
(713) 783-8761

Washington

Seattle
835 Fidalgo
Seattle, WA 98108
(206) 762-6500

Sony District Service Offices

Western Zone

Western District
Sony Service Company
2729 Bristol Street South
Costa Mesa, CA 92626
(714) 549-4836

Northwestern District
Sony Service Company
1359 Old Oakland Road
San Jose, CA 95112
(408) 280-7675

Southwestern District
Sony Service Company
3201 Premier Dr., Suite 100
Irving, TX 75063
(214) 550-5270

Central Zone

Mid-West District
Sony Service Company
1200 N. Arlington Heights Rd.
Itasca, IL. 60143
(708) 773-7666

East Central District
Sony Service Company
26200 Town Center Drive,
Suite 300 Novi, MI 48050
(313) 347-2251

Eastern Zone

Eastern District
Sony Service Company
386 Route 17 South
Mahwah, NJ 07430
(201) 529-1616

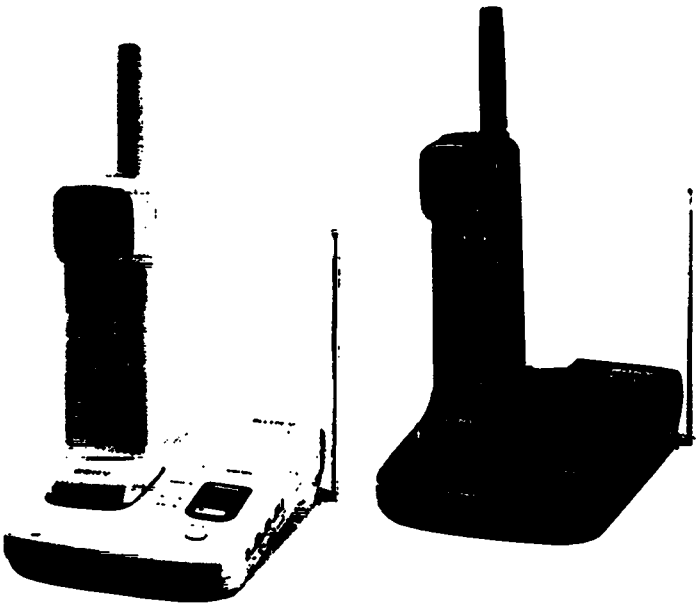
Mid-Atlantic District
Sony Service Company
651 Park Avenue
King of Prussia, PA 19406
(215) 768-8845

Southeastern District
Sony Service Company
120 Interstate North Parkway East
Suite 414
Atlanta, GA 30339
(404) 953-5858

3-755-577-21 (2)

Cordless Telephone with Answering System

SPP-A40/A60



Owner's record	The model and serial numbers are located at the bottom of the base unit and the handset. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding the product. Model No. SPP-___ Serial No._____

TELECOMMUNICATIONS HELPLINE
(201) 391-6111

PLEASE CALL US WITH YOUR QUESTIONS AND COMMENTS ON SONY TELEPHONE PRODUCTS.

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